

SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klaus
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassam, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, Lee William
Stache-Crain, Birgit

<120> Human Genes and Gene Products

<130> 1624.002

<150> 60/188,609

<151> 2000-03-09

<160> 2396

<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Homo sapiens

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tgagtctctca	cagacagtgg	ctttgagaaa	cctgctcttg	gtgtcccccac	atgacctcat	180
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ggcagtacaa	agtacatagt	atcacctagg	aactagtctt	gccaaaagca	gaggggggca	300
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SECRET

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tcagaaaaaa	acgagacaga	aggctataag	catgagtgtg	ggcaggggtgc	tgtgggttcac	180
ttctgtaatc	ccagcacttt	gggaggccaa	ggtaggagaa	tcccttgaag	ccaggaattc	240
aagaccaccc	tgggcaatat	agcaaaacca	tgattctaca	aaaaattaaa	aagttatctg	300
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gacgagtgtg	atacctacaa	gcttatnaet	tgggaggctt	gctctttag	tatcgcttgt	180
atcttttggg	ggtttagac	tatatgttct	ctgttttctt	tttttctctt	tcttttttta	240
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<211> 325

<212> DNA

<213> Homo sapiens

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gaacgggagg	agatttgcta	taggaaagtc	ctaaaataaa	ggaaaagtga	tgagccctaa	180
taaacaagta	gtgtttttga	ctcagcattg	aaaaaaatga	atgagctatg	accaggagat	240
ctaagtttct	tttggtggct	aacatgcaca	aaagttatct	gttcaataag	ggtagtattg	300
atggtccata	tctcatatta	actag				325

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<213> Homo sapiens

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tgattcggct	gccttggcct	cccaaagtgc	tgtgattacc	agcgtgagcc	gccgtgcccg	180
gccactagcg	gcattttaatt	aaagagatct	tggcgccgtc	tctcgtatac	tattgcctct	240
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<211> 353

<212> DNA

<213> Homo sapiens


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tctactatgg agggagagggc tggataatca cttgaacctg gtaggcgaag gttgtggtga      180
gccgagatcg caccattgca ctccagcctg ggcaacaaga gcgaaactac gtctcacaaa      240
aaaaaaaaaa aaaatctttg gggccgggtt ttaaataaac tcgacatgga agcacacact      300
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<212> DNA
<213> Homo sapiens

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cagcattctt ggctaagata aatgaggctg ggcacagtag cttatgcctg taatcccagg      180
actttgggag gcctaggtgg gaggatcact tgagcttagg agttctagac tagcctaggg      240
aacatagcaa gaccctaact ctaaaacaat tttttttttt ttttttttga gaagagtttc      300
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ttttttccaa aggggacttt tttctgaacc cccataatgt tttatgcttc ttatatggag      180
tttatataat ttgcatgtgt attggaatca tttaggtaat tgtcttatct tcattgctag      240
agtgtgaagct ctttaaggta aagacagtgt tattcagtta attatctccc caaataccta      300
ntatagcatc ttaggcctat ctagtagata ctcaaaaaat atatctcta ataaatgtga      360
ttaagctatc acatttagtg cctatggtag gcactaaatc aagggt              405

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<210> 17
<211> 307
<212> DNA
<213> Homo sapiens

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ggattgatag tatagacggg tttttattgt ttttttccac atttttcttt ttagtattgc      180
ctatatttcc tcggcatctt gtaccttaata gtgtgcgttt aaaaaattgc ctggcaacat      240
atatacgctt ttttattttt atgacttgaa taaaaaaagg tgggactccc aatttggtct      300
cgcacct

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<213> Homo sapiens

<400> 18

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ctgatggtgg agccatgcca gatagagggg ttatgatgct taaatctagt aggattactg 120
gtggagccgc ttgaatcg 138
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<210> 19

<211> 324

<212> DNA

<213> Homo sapiens

<400> 19

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cagtatttct acatttttaa tgaaaaaaaa tgctgaccc attcattgga gaaaacaacc 120
cacgaaacaa ccccccaata tggtagaata aatgcctatt tctaagggtgc tatagtcttc 180
caatgcacac cttcagggttc agacttagac aagaccacaaa tatacttttag ttctaatacac 240
cctcctaag acaccacggc agagtgcact cccaacctct accatacata gcggaaaggc 300
acacactact actgtgagct gaaa 324
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caatatttct acatttttaa tgaaaaaaaa tgctgaccc attcattgga gaaaacaacc 120
cacgaaacaa ccccccaata tggtagaata aatgcctatt tctaagggtgc tataagggtt 180
ccaatgcaca ccttcagggt tcagacttag acaagaccan aatatacttt agttctaate 240
accctcctaa agacaccacg gcagagtgc ctcccaacct 280
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<210> 21

<211> 317

<212> DNA

<213> Homo sapiens

<400> 21

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ttttaagtct cagctcccag gcttcacccc aggttattat atgaaaatct ggggttgaaa 120
ctcaggcatc agtgtatttc aaagctcacc atgtgattcc aaggatgtg catatttgag 180
agcctttgcc ttaaaagaag gagcagggtga ctcatactag caagatagt aacagatcac 240
caggccagcc ttgtgggtag aaataatcgt gacactctga cactgttctc tactaagtta 300
atcaacatgt ttacccc 317
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<210> 22

<211> 231

<212> DNA

<213> Homo sapiens

<220>

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<223> n = A,T,C or G

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agggccctgg ccctacaaag gggtcagttg gtattagtca atttcaaagg cctacattnt	180
ccttgtctat aaaattagg gctcagacag atgattttga ggtttctctt g	231

<210> 23

<211> 384

<212> DNA

<213> Homo sapiens

<400> 23

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catccaaaat ggaatccgag acagaaaagag gaccttagcc ttcatactctg tttttttctt	120
atgaagcttc ttctgggttg aaacttgtca aatttcatca ggtaagaagt gctaaagtga	180
acctgtaaac tttgtttcaa aaaacaaaaa ccgaagtta agaaatctaa agatgggtgtc	240
agccttagac agatctctgg actgtaatct gggaaaaggtc aaataagatc tccaatcgtg	300
tacaattcca aatacatttg agagcagtggt gtctgaaaat gtgggtccca gaccagcagc	360
atcaacacca tgaaggaagt tggt	384

<210> 24

<211> 350

<212> DNA

<213> Homo sapiens

<400> 24

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tgccatgttg tccaggctga tcttgaactc ctgatctcag gtgatctgcc cgcctcggct	120
tccgaaagtg ctgggattac aggcattgag caccatgcc ggccgatgtc tgcattttca	180
taggtgacca ctgaggctaa aaagcatcac tattccaaat cactattcca aaggcattaa	240
ctcctgatgg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg	300
agacagataa cattttgcta ggtgctcagt ctgcaacgat gtattggact	350

<210> 25

<211> 149

<212> DNA

<213> Homo sapiens

<400> 25

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ggtgctgcct gtgtttaact ctgctcctat cgatacacgc ttcattctca taccttttac	120
tattgtctct cccttgact tattcgctg	149

<210> 26

<211> 379

<212> DNA

<213> Homo sapiens

<400> 26

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ggcgctgta gtcccagcta cttgggaggc tgaggcagga gaatggcgtg aacctgggag	120
gcggagcttg cagtgaagcc agattgcgc actgcactcc agcctgggtg acagagcaag	180
agtcgcttc aaaacgaagc agcgcataaa agaaggacga aaccaccgcc aaccaaccaa	240
acaaaaccca aaaaacccaa agtaacggag gtggccgagg gagctgggga taggggagga	300

gtccaaacac ctgggagcta gaagtttctg aaaactgtaa gtcttttggt gtcactaaaa 360
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<210> 27
<211> 388
<212> DNA
<213> Homo sapiens

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gtactaggca cataatggaa ctaaaaaatg ctcatgtcca gtttttggtg tgagtgaaca 120
atgctgcaga ccctaataag attgggtaca gatcggcatg cgcctgtagt cccagctact 180
caggagaatt gcttgaacct aggagggtgga gggtgcagtg agccgagatc gtgccactgc 240
actccagtct gggcaacaga gcgagactcc atctcagaaa aaaagaaaaa aagactgggt 300
acagatgtga tattggaaga aaaagatcaa gctgatgagg ttaggatacc caggcccttt 360
ggacttaaag atcactagtg tctaaatt 388

<210> 28
<211> 237
<212> DNA
<213> Homo sapiens

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aaaaaaaaa aatttggggg gggtttttt gggattccc aacgtggaaa aaacctttgg 120
ggggttgggc caacccccct tttaatgggc gggaaaaaaa gggtttttt ggaaaattgg 180
gggagggttg ggtttttttg gaccctttt aaggggggaa aaaccagttc accaccg 237

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<212> DNA
<213> Homo sapiens

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<223> n = A,T,C or G

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gggggggttg gaccaccccc cccttaaagg gcgggggaaa aagggttttt ttgggaaaat 180
tggggagctt tttgttttat tgcacccctt a 211

<210> 30
<211> 282
<212> DNA
<213> Homo sapiens

<400> 30
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aattatttta gccggtaaac ccgggaggga aaaccctccc aattccgggg catgggcttt 120
aatggaaggg ggccaaaaaa acctgtttta attcccaccc tttgtttagg gggccctttt 180
tttgtttttg ccctgattaa agtttaaccc caacggccaa atcctcttat acctagacat 240
ttaatttcac aaaggggggg ggggggtagc caaagggaaa aa 282

<210> 31

<211> 363
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> n = A,T,C or G

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 cttggaatgc cgcagaaccg ggcttcatta gagcactggg gcatactctt aaaaattatc 180
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 cagccaatct tacagacgcg cagaatatta atctattttg tgccgactta aggcacgcat 300
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 cag 363

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 <211> 331
 <212> DNA
 <213> Homo sapiens

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 cccagatggt gaagtgtcag tgagccaaga tgggtgccact gcactccagc ctggttgaca 180
 gagtgagacc ctgtctcaaa aaaacaaacc aaaagaaaag agagagagag agagaagtta 240
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 tcacaggaag tgagccaaga aggggaaaaa a 331

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 <211> 377
 <212> DNA
 <213> Homo sapiens

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 gatgcgatcg accaatttaa gctccgtctg acacatgatc aatagcccgt gatgctgcat 180
 ggaattgcag gcacagcgtc caaacctgca gagcagtggc tcccagctgt ggcaactttg 240
 cccccagag gacatttggc aatgtctgga tatgtttgca attgtcacia ctaggagagg 300
 gggatgctat tggcatctgg cgagtgaggc caaggatgct gctaaacctc ccatgatgca 360
 caggagaagt cccacc 377

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 <211> 358
 <212> DNA
 <213> Homo sapiens

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 aaatccttct cactcttggg acctctctaa catcctcctt caccacatag ctctcatttc 180
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 <212> DNA
 <213> Homo sapiens

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 tggatgcata tgtgatagct ggaacgccag cagcc 275

<210> 36
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 36
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<220>
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 <223> n = A,T,C or G

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 aaatctgtaa caccgctggg aacgactggg tccccttttag gtccctttagg acagcgtttg 180
 aaatcttgct ttcccctgca gggatccagc accggctcct cctccggcaa ccacgggtggg 240
 agcggcggag gaaatggaca taaacccggg tgtgaaaagc cagggaatga agcccgcggg 300
 agcggngaag ctgggattca gggcttcaga ggacagggag tttccagcaa catgagggaa 360
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<400> 38

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aagggcttat	aaagagtatc	agaatcattc	ttgggggttg	gccggncatg	atggctcatg	180
cctgtaatcc	tggcacttcg	gaaggccaag	gaggggtggg	cacctgatgg	caggagtttg	240
agaccagtct	gggcaacatg	gttataccct	gtgtctactt	gccaaacctt	aatttactta	300
gcgataaagg	gggggtccct	tttag				325

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gggcctttta	aatctacag	atgccggccg	ggcggcgtgg	ctcacgcctg	gaatcccagc	180
acttggggag	gctgaggcgg	gcggatcaca	agcgcaggaa	attgagacca	tccttgccaa	240
tatggtgaaa	ccccatctct	acaaaaata	caaaaattac	cgggggtgtg	tggcgtgcac	300
acctcccagc	tacttgggag	gctgaggcag	gagaatcgct	tgaacccggg	aggcaaagat	360
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aatttttgac	agataaaatg	atttcatgat	ccaacatttc	cttaccagtg	agggattcaa	180
taaaatacca	attctcagag	ggcctttaca	cttctttttt	ttttttttct	aaagaagatt	240
gtttattacc	cacgagataa	ttttgaaaag	ccatcatttt	ttttctgctt	gtgacccgaa	300
aaaacgtcca	gtgttctcgc	gatttctttc	atctctttt			339

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 <211> 350
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<400> 41						
cgctaggaaa	tgctgccctc	acactcgagt	cagctcatct	gctccgggct	gtgtctgtct	60
ggcaaaactag	acaagggcaa	gcgatcccac	acctctcaca	cagaacttct	agaaaagatg	120
ggcctctcca	ggtgcgggtg	ctcacactgg	taatcccagc	atttcagggg	gccgaggcag	180
gtggatcatg	tgaggtcagg	acttcaagac	cagcctgacc	aacatgggtg	aatcccatct	240
ctactaaaaa	tacaaaaata	aataaaataa	ataaaaaata	gccgggcgca	gtggctcacg	300
cctgtaatcc	cagcactttg	ggaggctgag	gcagggtgat	cacaagggtca		350

<210> 42
 <211> 360
 <212> DNA
 <213> Homo sapiens

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<400> 42
ttgggaggcc gagggcgggtg gattatttga ggtcagtcgt tcgagaccag cctggccaac      60
atggtgaaac cccgtctcta ctaaaaatac aaagattagc tgggtgtggt gacgtgcctg      120
taatcccagc tactcgggag gctgaggctg gagaatcgct tgaacccatg agctgagatc      180
acaccactgc gcttcagcct gggccacaga gcgagactcc gtctcatcaa aaaaaattat      240
atgacccttg tctataaatg ataagagtga gagagaaagc acccagggtt tcaaatgcct      300
tatgcctgct gggactaact ttgcccatat attgtgctaa atactttcca ttaagtctcc      360

<210> 43
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 43
gattacaggc gtgcaccacc atgcccagct agtttttcta tttttaatag agatgagggt      60
tcaccttggt ggccaggctg gtctcgactc ctgacctcag gtgatccact caccttggcc      120
tcccaaagtg ctgggattac aggtgtgagc cactgcgccc ggccactact atacatttct      180
aannnnnnna nnnnnnnnnn nnnnaaaaag gggggccggt ttttccttaa acccaaactt      240
gaaaaaaccc tttggggggg tggcccccct cccctctaaa tggcggggaa aaaagggttt      300
ttttgggaaa attggggcgg ctatgcgttt tttgggcccc cttagagccg gca          353

<210> 44
<211> 331
<212> DNA
<213> Homo sapiens

<400> 44
gagaatcgct tgaacccggg aggtggagggt tgcaatgagc caagatcgca ctactgcact      60
ccagcctcgg tgacacagct acactccgtc tcccctactc gccaaaaaca aaaacaaaaa      120
aaaagagtgc agagaactgg aggtggcggg aaaagcgctt ggattctcct ttgacatgct      180
cttccctggc aagatgggat cccttggaat attttaagtg gaaaagtgc acgatttatg      240
gctgagtgcg gcagctcacg ccgtaattc cagcactttg ggaagctgag gcaggcactt      300
tgggaggctt taggtcagga gttcaagacc a          331

<210> 45
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 45
attactgata tgggggggtat ggtctagtcg ctgtgctgag catttcatat aactgggctt      60
tttctatcct cacagcatag cctttgagat aggtatgtgg aactattccc attttacaga      120
taaggatcct gaggcttaga gagttcaagt gacctacca agggcacatc actgataaag      180
ggcagagggt ggattcaaac ccacatctgt caggtgcaag tgcaaggctc cttctcctca      240
tgctcactgc ctgctgggga atagggtact ggggacatac cccaggggag ccttccccat      300
gttctgagtc ccagntcatc ccatgctgct attttgctct cccaggag          348

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<210> 46
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 46
 gattacaggt gtgagccatc ggccttgcc cctgcaactt atctttctat atttctcatt 60
 tttcacatga aaagggttgg ctattgtatc tgattttatg gaagctgtgc tctgtatttg 120
 tgggttctga aattgtgctt atgatatgac tcattactga ttgtttcaca tcttagagat 180
 gaggttagac tgaaatgtgg accggaagcc tatttttgtg tttcaattta aaaaataaag 240
 ccaggcgcag tggctcacgc ctgtaatccc agcactttgg gaggccaagg caggcggatc 300
 atgaggtcag gagattgaga ccatcctggc taacatggtg aaaccccgcc tatactn 357

<210> 47
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 47
 tcttgccctca gcctcctgag tagctgggac ttagggcgcc caccacctcg ccccgctaatt 60
 tttttgtatt tttagtagag acagggtttc accgtgttag ccaggatggt ctgatctcc 120
 tgacctcgtg atccgcccgc ctccacctcc caaagtgtcg ggattacagg cgtgagctgc 180
 cgcgcccagc cataaaactt ctacgaactt ctgacagaag taaggggaata gtttctaatt 240
 cctgagaaag tattatgatg acagatccta tattctttat tcactagtat atacttagtg 300
 tacacataat aagtaggtgt tcaagaattt ttttttttcc ttgagatgga gcg 353

<210> 48
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 48
 gtagagatgg ggtctcgcta tgtcgcccag gctggtcttg agctcctggc ctcaagcgat 60
 cctcctgcct tggcctccca aagtgtggtg attacaggca tgagccacaa gcgccggcct 120
 ctctcttctt attgggatac cagtccctctg agactcgaaa ctgtgcccc ggccttggcc 180
 atactgataa atatctaggg cctacaggag ttcgtgtcca tgaacccagt acacgcaatt 240
 cctcagcctt aaaatctagt cactgactca tttcaggccc cagcacagac gaaaacaagc 300
 cattctgttt gccagatta cattgcgggt ctccaagaag tggaatgttc accaat 356

<210> 49
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 49
 gaggggagct aaaaggaat ggaggggaga ccagcaggag ctctgtctgc ccgattctgg 60
 tttgggctgt gagacagtca ttgcattttt ttgcacagtt ctggccacac agtatttaag 120
 aggctttgcc tacagacctg agtgactgtg tgaatggtgg cactggtgca tacggggagc 180
 cctgaggagg aacagatttg agacttgtcc acctaggact ccctgtggga ttgccagtat 240
 caccctctt cgtcattaat tcccagcttg cctgggggag gccagggggg agcatggggg 300
 tcgggttccc ctatggttca aacaccaacc catctgctct gg 342

<210> 50
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 50
 gcaattgggc atagaacctt ccaactgagc agcgaaggta tcaggatgca gtgtataatt 60
 taagacatca aataaagctg acaagcaaag acaataatgg agacttgggg ttaaattagc 120
 tgactggagt cagaaacact gggatctgca tacaagtaa acattaaaca ttgggatgca 180
 gtccaggcat ggtggctcga ccctgtaatc ccagcacttt ggaaggccga ggtgggtgga 240
 tcatttgacg tcaggagtcc aagaccagcc tggccaacac ggtgaaaccc catctctact 300
 aaaaan 305

<210> 51
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 51
 gttataggcc ttttgctttt cttagcatat ggggggaggt ggaattacta tcgtagtcac 60
 aaatgaccaa aacaggactt cccaatatct atttatttta gcccggtgc cgcggtcttt 120
 gccg 124

<210> 52
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 52
 gcaccaatgt gaagaaccac aaacattggg tctgggagaa ggcttctgag gtggcttcca 60
 cagtcctatgc aagggacaca gagaagaaca aggtcacag caagtaggat ggcattggtaa 120
 aaaacaaaaa gaagaaaata aaaaangggg gccccgaaaa aaaaaaaaaa ggggtccggt 180
 tggaaaaaaa aaacaaaggg gtccggttgc aaaaaaaa 218

<210> 53
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 53
 agtgcagggg aatggaatgg aatggaatga aatggaatgg aatcttccgg aatggaatgg 60
 aatggaatgg aatggaatgg aatggaatgg aatgcaatgg attcaactcg attgcaatgg 120
 aatggaatag aatggaatgg aatggaatgg aatggaatta accagaatag aatggaatgt 180
 aatggaatgg aacggaacgg aacggagcgg aacggaatgt aatggaatgg aatggaaagg 240
 aatgcaatcc acgtctattg catttctttt gtatgggaat ggccactaac ccctgttcgg 300
 aatggatatg gtaatggatt cggaaccgga gggggaacac ccaccccgta ttgattatat 360
 gatagttaat ttg 373

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<210> 54
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 54
cgttgctgtc ggggagattg agaccacggg gaaaccccgt ctctactaaa aatacaaaaa      60
attagccagg catggtggcg ggcgcctgta gtcccagcta ctcanagagg ctgaggcagg      120
agaatggcat gaacctggga ggtggagctt gcagtgagcc gagatcgcgc cactgcattc      180
cagcctgggc gacagggaga ctctgtctca aaaaaaaaaa aaagggttaa ataaataaaa      240
cccggggggt taaagggaac ctttaacctt tgggtttttc gggaaaccca tcagggggag      300
gggggggttg ctttgtggga ggatgggccc caggtttcct aaaggcctgg aaataatttt      360
ttagggataa aggcttccat caagagactt ttggg                                     395

<210> 55
<211> 303
<212> DNA
<213> Homo sapiens

<400> 55
cccaggttca agtgattctc ctgcctcagc cttccaagta gctgggatta cagggtgtgca      60
ccaccacgcc tggctaattc catgcctggc tctcttactg taaatgagaa taagaaagaa      120
tatactctgc tcaaagtctt agtataatag catgtctcaa aatagaaaat tgggcagagt      180
gttcataagg tttcagagac tcagctggat gttaaaatca cccagggtct aggctgggtg      240
caatggctca tgcctgtaat cccagcactt tgggaggccg aggcgggtgg atcacaaggg      300
cag                                                                                   303

<210> 56
<211> 236
<212> DNA
<213> Homo sapiens

<400> 56
cgggatgcta gatgactcca tcagccaata tgtagcatt atctagaggc cttatgtgaa      60
gtcctagtgg tcctttccag ttctatgact ttaaaccatac aggtgaatca gagcttcagg      120
aaggcctaga ccaacagcta ttactgaagc tcccatttgt gcttaggact atgcatagag      180
aaactctcct ttgggacttg gttaggggtc aaagccctaa ggtcaaaaca ctaatt          236

<210> 57
<211> 317
<212> DNA
<213> Homo sapiens

<400> 57
gggtatgcat cccattcccc tctccccaga ctggacgctc ttaaagggca acatttatac      60
ctcatttagc cttgtattcc ctgcacaggg taagcattag gtaactgctt gctgaattac      120
ttactttgga ttagagaaga gcgaagatat agcacataaa agttactgaa cagtacagtg      180
tcaaactcag atcttagata aaatggttgt gtaacactgc tgtgctaag agtccattct      240
gacccaaagt caagaacagg agaatatgct tgtccatagg tatgctcagg aacttctcag      300
ggagtaaacc aatcagc                                     317

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<210> 58
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 58
 gattacaggc gtgcaccacc atgccagct agtttttcta tttttaatag agatgagggt 60
 tcaccttggt ggccaggctg gtctcgact ctgaccttag gtgatccact caccttggcc 120
 tcccaaagtg ctgggattac aggggtgagc cactgcgccc ggcctactac atacatttct 180
 aatgaaaaga aaaaaaaaaat taattaagag gggggggcttt ttttctggag acccgcatgg 240
 gaaaaaagct tttggggggg ttggcccacc cccatttaaa tcgggggggaa aaaatggctt 300
 ttttgggaaa tttgg 315

<210> 59
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 59
 ggcacgaggg gagtcccaag accctttcag ggaggatctg tgagggtcaac tgttggcact 60
 gtggcatgaa tcaagggtgtt ggcagcaaac ttctagtagt tttgatatgt ctttgataga 120
 acaaatagca atgggttaact attaaatgtt gacctagcca gcgcagtggc tcatgectgt 180
 aatcccagca ctttgggagg ctgaggcggg cggatcacct gaggtcgga gttcgaggcc 240
 agcctgacca acatggagaa acccgtctc ttctaaaaat acaaaattag ctgggcatgg 300
 tgggtgcatgc ctgtaattcc agctactcgg gaggtcgagg caagagaatc gcttgaatcc 360
 ggtaggtgga ggttgcatgt agccgagatc ataccattgc actccagccc aggcac 416

<210> 60
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 60
 atccacccgc ctcagcctcc caaagtgtctg ggattacagg cttgagccac tgcgcctggc 60
 cgccacaggc ccactcttaa aaagataatg cataatataa gattttgctt ttcttttctt 120
 ttgtttcttt ctgctctgac aggttaacttt gattgtcatt gacagtttta agaattcagt 180
 accaaccact gaaagggat gaatattcctt gcttaaagaa agttaaaaag accagggtga 240
 gtggctcacg cctgtaattc cagt 264

<210> 61
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 61
 gttgctgtcg acatgatgta ataagaattc atttctgaca tattttacat ttctggcaat 60
 ctcaactctt atttggaata cttctgtgca tttgtctgtc caccgtaatt ttagaaaagc 120
 atatccataa cgtttacagt ttagtagacag ttgtggtag ttattttag tagggattgaa 180
 agtaattttt ttctttttat atttctatat ttagtttgtt ttttggtag ttttggtag 240
 tgagatggag tctcgcttg ttgcccagac tggagggcag tggcgcgatc tcggctcact 300
 gcaacctctg cctcccggt tcaagcagtt ctgcctcagc ctcccaagta gctgtgacta 360
 aaggtgcacg ccgcatgcc cagctaattt tttgtatttt agtagag 407

<210> 62
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 62
 ggtgctgctg cagatcaggg atcgcgattg cgaatcctcc gctgaggtga tttggatatc 60
 cctagaacgt tgagggcacg agtcgggtcc tgagaccagg tcctcagcca gcagagccac 120
 gttccttatg agcaccgtgg gtttattttca ttttcct 157

<210> 63
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 63
 cggtgctgtc ggcagtttgc agctgcggcg gggtcgggtc caccgcgggt ccccggaatg 60
 ccggacggct gatcccggtt gctgggtcact cgccgattcg gggctgggaa gggttgccag 120
 aagcgggaaa gatgggagat ctgagcgctc tcttggcatc gccacaccca ggacttgctc 180
 gtgccgcaat tccccacgga aacaaccgag ttgaaacgag aagcttgctc tctgggtgca 240
 gtagctagaa ggcttcaggt aactccaaag ccaacactgg gtgaggcaac acacgccgcc 300
 tcaggactca gcattttctt caggctgctg ttcgtggca gacctacca gattgatgga 360
 gaaagtttgg ctggcggata agaagtaacg cggaagatgt attattgtg 409

<210> 64
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 64
 cggtctttac cttgttgac aataacccat aaaggtggga agtggagctt gtatcagtgt 60
 gactacgtca ggcccaggta tcaggggggc caaggtgggc tgctccccac agagggcata 120
 tttctcta at tgcaaatagg tatgctacag gccagtagga aaccattcat ctctggtttc 180
 ccagtctagc cctggcacgc tgttgaccct cagttaatga tacctcgtgt gtgtgtgtgt 240
 gtgtgtgtgt gtgtgtgtgt gtgtgtgnnt atttattttt tttgggtttt tttgatttga 300
 tgagggagtg ggttttggag 320

<210> 65
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 65
 gacggggctt caccatgttg gtcagtctgg tctcgaactc ctgacctcgt gatccaccgc 60
 cctcggccta agaaagtgtt gggattacag gcgtgagcca ccggccgctg atgggtattct 120
 ttcctgaggg cagattttca cgccagaagc cccgacaatt atacctgagc tggttccacc 180
 taagctcaat cctccttccc tgccccaaagg ggggtgaaaa atctgggccc aggaggtctt 240
 ccttgctgctc tggggggagg catttaaggg tccaaggaag acgtgacg 288

<210> 66
 <211> 221

<212> DNA
 <213> Homo sapiens

<400> 66
 caatgtttcc catgaaggaa tcgagggtccc aagagtagtt caggtaagga attaataagc 60
 atcacaggag gcatgtccag gctggcttgt cccagggccc tctgccttca gccaccattc 120
 tcagaagatc caaaaatgcc aaggggaaaag aagccggatg ctttttcacc ttaagtgaag 180
 agtcagaatt ggaattaccc tttctgaagg cctgctttgc a 221

<210> 67
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 67
 ttggatcggg ctgcgataag acgacaggag gggattgtgg gtgagattct ctcccaggcc 60
 acaagacatt tctgtctcgg aaccttgttt actaatttcc actgctttta aggccctgca 120
 ctgaaaatgc aagctcaggc gccgggtggtc gttgtgaccc atcctggagt cgggtcccgtt 180
 ccggcccccc agaactccat ct 202

<210> 68
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 68
 cggagggtcg gtattgattg atatattgaa atgtaggcac aggtttccag gaaccacat 60
 ctttatatcc cctaagagca tgcgattcac aattcacaga tacagtgttt gaggcgagtt 120
 tatagaacat aactattgga tataccatga cctaaaggca ttcctttcta aatggaaatc 180
 gaaacacaga gcctgacaat ttaaggcaca cttaaattccc ctttcttgta ctttataagt 240
 aacgacggat gaggaatata tatacagtgt aaaacggggg ttggcattgg gctaccactg 300
 ctaatgggta catgacttgt gtgg 324

<210> 69
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 69
 aattcaatct atctgcttga tttgggacat ccagtgtctt tgctctgcga cattggagct 60
 ccttgttctt aagcctttaa actcaggcag ggattttcac tatcagatct cctacttctt 120
 gtttttggac cttggtactc agactggagc ttataccatt ggctttcttg ctcccaggcc 180
 ttcaggcttg aactagaact atactgcttg cttccctggg cctccagttt gcagatggca 240
 atttatagaa cttctcagcc ttcataatca 270

<210> 70
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 70
 gtcgtacggg ttatacttca ccggacgact cctctcccc actcctttgt gagtctggtc 60
 tcttgccagt ttcttaccct gactggagct aagcagataa ctggtgggta ttccaagata 120
 gcatctgagt ggagccactt caggactaga gggatgcgtc ctggatcttt ggtctgtctc 180
 atgccttgca ccaagcttga ggggtgacgta tcatgacctt gctggagtga ttgaacttga 240
 tctattgaga cgccattcag gatccctaga aacaagcacg gtagactgct actgtgaggc 300
 aggtgtttca acgt 314

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<210> 71
<211> 291
<212> DNA
<213> Homo sapiens

<400> 71
cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag      60
aggttgcaagt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta      120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggtctttgat gctgcacttt      180
cctcttctga aacatcaagt gcttttaaag agggatggtg ctgactgcct ggttctgagg      240
catgaacgac actggtaggt gagagcaaga tggtagacag gagttcaaat t                291

<210> 72
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 72
ggattacaag cgtgagccac catgcctggc caatttttgt attttttagta gagacggggg      60
ttcatcatgt tggccaggat ggtctcaatc tcttgacctc gtgattcacc caccttggcc      120
cccaaagtgt ctggaattac aggtgtgagc cactgcaccc ggcctttntt tttttttttt      180
tttttttttg gaaaaggggg gcctcattgg ggtcccccacg atatcccaaa acccgggggg      240
aaaagaacac cctttatttg ggcccccagg ggggggaaat tgtggagggg ggccccacgc      300
ccttctcggt ag                312

<210> 73
<211> 391
<212> DNA
<213> Homo sapiens

<400> 73
ggcaccagca aagaggaaac agacagtttg attgcatgtc ctcagtgcaa tgctgaatac      60
ctaatagttt ttccaaaatt ggggtccagtg gtttacgtct tggatcttgc agatagactg      120
atctcaaaaag cctgtccatt tgctgcagca ggaataatga tcggctctat ctattggaca      180
gctgtgactt atggagcagc gacagtgatg caagctgtac gtcataaaga acgactggat      240
gttatggaca gagctgatcc tttattcctt ttaattggac ttctactat tctgtcatg      300
ctgatattag gcaagatgat tcgctgggag gactatgtgc ttatactgtg gcgcaaatac      360
tcgaataaac taccaatttt aaatagtata t                391

<210> 74
<211> 275
<212> DNA
<213> Homo sapiens

<400> 74
ggcccgccct catggcgag gtttacctat gtgactaacc tgtgcgttct gctcatgccc      60
gccatctttt tgaaagaaaa aaacataagg gaggtggggg ggcctttttt ctggaattgt      120
cccagcgaac atacctctgg gggggttttg tcacaccccc cttttttttg tttttccac      180
cgtttttttt ttgaaaatag gggaacaagt tttggggggg ggctcccttt tgggcccgcc      240
ttgcgggggt cccttttctc ctgggtgtcc gctcgg                275

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<210> 75
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 75
 atgttggcca ggctgacctc gtgatccacc cacctcggcc tcccgaattg ctgggattac 60
 aggtgtgagc caccgcgccc agactaagtc ccatctttat gtccgcttgg ctgttccacg 120
 gccacctgga ggggaggtag gtccagcgat gtgggaccct aggatttcag ggtagaaaat 180
 ttgccgcact acagttacaa aattattcca aggtttatgt tcctcggggg attgctatac 240
 tcacctgtta tgcaactggtg gcaagttttg tttttttcta ataattaagg ggtgataatt 300
 tttttcttaa gcataggggg cg 322

<210> 76
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 76
 gagagagagg agaatgagga aggacaggcc agaaggtgct catggatccc acagtgtagg 60
 gcctggaggc ctctgtaaag ccatgaaggg tgggtgacca caacagtgca tgctctcaaa 120
 agaccactct gctggttaga tggtagtcaa gagacaggtc accatgaccg tgagagaaatg 180
 gagaagtcca gatgtatttg aagaaagctc agatctgcaa atgaaccgag gccgtgcacg 240
 gaggctcacg cctataatct taacactttg ggaggccgaa gcaggaggat cacttgagggt 300
 cacgaatttg agaccagcc 319

<210> 77
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 77
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 ctgagcctcc cgaacaactg ggattacagg catgcgtcac cacaccggc taattttgta 120
 tttttagtag aaatggagtt tctccatggt ggtcaggctg gtctcaaaact cccgaactca 180
 ggtgatcccc ctgcctcaac ctcccaaagt gctgggatta cagggtgtgag ccatggcgcc 240
 cagccccctt ggattctttt tataagcaaa ttgtgccttg gacatatgct ttgaatgctt 300
 tgagagaacc tctcttcata agtggaata aaatcatgat ttaattgtat cacacgcatt 360
 atggataatc tatggg 376

<210> 78
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 78
 tacggctgcc agaagacaac agaaggggta tcttcatcat aggcacaagc ccacagatgt 60
 ggaacagtaa agttcacatt ctctttatat agtacaaata ctcttcatta atatagcagg 120
 cccataaaga tagtggcaat tgggcaatat atgctttact ttagggccat tgatagatct 180
 ctttaaataga atagtatttt ctaccaaaca ccaaagacag aaacaaaact cgtcaggctg 240
 agttgagctc ataccttgaa ttgctcctct gtgttcttcc ttatcaatgg agatcctcgt 300
 aagttgagag attctgtcag gaggtatttc atgtgggaat cccctgggct actgggtcac 360
 agcagtaact cagcga 376

<210> 79
 <211> 339
 <212> DNA

<213> Homo sapiens

<400> 79

cccagctact	caggaggctg	aggcaggaga	gtggcgtgaa	cgcgaggaggc	agagcttgca	60
gtgagccaag	attgcgccac	tgcactccag	cctgggcgac	agagcaagac	tccatctcaa	120
aaaaaaaaaa	aaaaaaaaacc	cccttttaaaa	aattttcaaaa	acccatggga	ggctttttata	180
agggcgggcc	cctgaaaaaa	aaaaatttgg	ggcgctgaag	gtggggcttt	tgaaacacccc	240
caagccaaaa	aaatttttaa	aaggggtttt	tttaaaaaag	aaaaaggccc	ggccccgggg	300
tttttggctt	gtatcccccc	ctttggaggg	gccgggggg			339

<210> 80

<211> 366

<212> DNA

<213> Homo sapiens

<400> 80

gaaatctcgc	agagcctgat	ggtattttgga	tagcatatac	ccaccagagg	aacaggcttt	60
tatctagcat	accacaggtc	tccccttttag	cacatctgtg	ctcatttttg	aactgtatag	120
ggaaggacat	tagatggctg	ggagaactct	gaaggacaga	cctggatctc	ctgccatctt	180
ccaaagggtga	aacaacaaaa	atccgccagg	ctttcagtca	gaagcccggg	agggccactc	240
ccaaggaaca	gaggcaagag	cagaagtaga	tggagtctta	ctgaaactga	aacccagctc	300
aattccta	agggtgaaga	tatgagtacc	tcaatgcagt	ctgcttatca	gaaaggcata	360
tcatat						366

<210> 81

<211> 347

<212> DNA

<213> Homo sapiens

<400> 81

aatgattagc	acagagaata	cgttttggct	caaattattcc	cacccaaaata	tacctccatg	60
gcaatcgggg	aaagggagag	ggtggtaaat	gtcaacccat	gagaaaggaa	gggtctggag	120
gcacaaatca	aaggggacct	aagtaggcag	gaagtatcac	tgaaaacctt	caaaatcttg	180
cattatacga	cagcattaat	ttggccattt	aaaatgtaaa	aatgggccag	gcgcagtgac	240
tcacgcctgt	aatcccagca	ctttgggagg	gtgaggtggg	cagatcactt	gaggtcagga	300
gttcgagacc	agcctggccg	acatggtgaa	actccatctc	tactaat		347

<210> 82

<211> 167

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 82

ggagaattat	ttnaaaataa	aaaaaaaaata	ggggggggcg	gttttttctg	aaaccccaac	60
ctggaaaaaa	cccttggggg	ggtggggcca	ccccccctt	gaagggcggg	gaaaaaaggg	120
cttttttttg	aaaattgggg	ggcttttggg	tttttttgaa	cccttag		167

<210> 83

<211> 303

<212> DNA

<213> Homo sapiens

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<400> 83
cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag      60
aggttgacgt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta      120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggactttgat gctgcacttt      180
cctcttctga aacatcaagg gcttttaaag agggatggtg ctgactgcct ggttctgagg      240
catgaacgac actggtagggt gagagcaaga tggtagacag gagttcaaat ttgggtccac      300
cat                                                                    303

<210> 84
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 84
tgatatcanc ctgcgactgc aagattctta ctgcagtaca gaactctttt tctcccttgc      60
actttttttt gacctggcat ctttttatag ggaaaaacgg ctttgtcgg cagtggcaaa      120
cttgcaagga aagctgccga ctctttggca ggctgataca gagcctgcac tctggcan      178

<210> 85
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 85
actgcgcgcg gcctagctgg aaactttcct gccaggtata tcagtcatat ttctcagcct      60
cactagcagc aggatgtggc catgtttctg gctaattggga tgtaaacgga tatgttcagt      120
gggacttcct agaagcttcc ttaaagggaa gcagacaggc cagaggaggt gcctcatgac      180
tagaatccca gcactttggg aggctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacaccat ctttcaaaaa tataaatatt ttcttttttt      300
ttttttgaaa aaaagnttgg ttttggcccc cagcttgaaa ggcagggggc caatttaacc      360
taattggggag ccccccttcc g                                                                    381

<210> 86
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 86
cgttgctgtc ggaagaattc gcgccgcagg aaacnacctt tttttttttt tcttttttgt      60
tttttttttt tttttttttt tttttttttt tttttttttt cttccccccc cccggggggt      120
ctctcttttg gaaaaaaaca acgggagggg ggggggggaa aacccccccc cccgggctat      180
caaaaagggt gaacctttct ccggccgccg ggggggggaa aaaacccccccc gggggcccca      240

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agaaaccccc cccccacctt ttttgcgccg ggggttttcaa aaaaaaaaaa aaaaaaccgg      300
gggccgcccc ccccccttaca taaaaacggg ggggggtgct cttcacaaca ggccccccac      360
gcgccgaggt gccacaaaaa actccccccc      390

<210> 87
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 87
ccttcacccg aggaatgtcc ccaaggcagg aggggagaca tgcctgccat caatggcatt      60
ctctgcgggg catggactct gggggctcta aggggcttct gtaggggggg catgcccctg      120
gagaagttag ggcagcttat ggaagccccg gagctccagc ctcacctggc caagggggacc      180
ccacctctta cagagcangg ccagncctcc ctcattctcc aaactacaga gggggaggag      240
caggggaatga gagcactgaa ccaatgagga cagggtgagg gggctggggg aacctgcctt      300
ccaactgggg gacataaggc aagcttcgca ccattctctg agtcaatcct gaatggaacc      360
C

<210> 88
<211> 303
<212> DNA
<213> Homo sapiens

<400> 88
gggctcagaa tggcatgaac ctgggaggca gagcttccag tgatctgaga tcgtgccact      60
gcactccatc ctgggtgaca gagcgagact ccccatatta aaaggggtggg aaaaaaaggc      120
gggtgttggt gaaccggggg gccccacttt ttttaacccc ccggatgagg ggggcaatac      180
ccttttttaa cccgccagga actttttttt tttgtccaat cttggggggg ttgttgtttt      240
ttttaccgca atcaagctcg gaaccagggg cttccacacc ctggtgcctt ttttatgagg      300
gcg      303

<210> 89
<211> 356
<212> DNA
<213> Homo sapiens

<400> 89
gtagatggga gtacaggcac acaccaccac gcctgactaa tttttgtaga gacagggttt      60
tgccatggtg tccaggctga tcttgaactc ctgatctcag gtgatctgcc cgctcggct      120
tccgaaagtg ctgggattac aggcattgag caccatgccc ggccgatgtc tgcattttca      180
taggtgacca ctgaggctaa aaagcatcac tattccaaat cactattcca aaggcattaa      240
ctcctgatgg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg      300
agacagataa cattttgcta ggtgctcagt ctgcaacgat gtattgaact tagtcc      356

<210> 90
<211> 335
<212> DNA
<213> Homo sapiens

<400> 90
gtgccaaagg ggagagactg gattttgacg acagtaggag caccttatgt agtacagaga      60
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gcccatgttt tattatcagg gtttacatth tttcactccc gcatgaagct tgagtggtag      180
gacaggggag gaaatgttga ggattttgtg ggagattttt gaaacaacca tcatatatga      240
tggtatgaaa gagattgccg cggacctagt tgagaggtgg gataaaagcg cttttgttgg      300
ggacccgcag ggggggtgga tattatggtg gaagg                                     335

<210> 91
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 91
attcatgggt ctccatggca tctctggtct tcaacattat tttgcatagg gtctcagaag      60
cttagtgtga gcgatgata tgggcacgaa gcaaggcacc cagaagtggg ggcaactact      120
ctgctttcta aaatgcaagg gaaccggaaa atccaggagc cgtgccaaag tgagttagta      180
ttttcttggg ccaccaaagg ggtctgaact ggtgtggctt gagctcagtt tttgtggttc      240
agatagatth gaaaactcac ttctcccat taagcactgg aaggaattag tcacccttct      300
ttgtggaagt ggagagattc tccgagagct actcaacagg ctcttttgaa aggtttctcag      360
gaccagcact gtgctgagtg tgtgtggn                                     388

<210> 92
<211> 348
<212> DNA
<213> Homo sapiens

<400> 92
aggtttagcc ccaccaggca tctggttggg gggccgaggt gaggactatt gcatgcttct      60
gtggtctgag ttccctcaga gtactaaaat ggatttgtgt gtatgcaagg ggaagagagt      120
taggtgggtg cggacagaag cagtcttaac tagaaataca ctactaggg ttttctctct      180
ttttttttta aaactgtcat gccggggcag ggggctcgtg cctgtaatcc cagcactttg      240
ggaggccgag ggggggggat cacttgaagg ttagaagttc aaaaccagcc tggcctcctt      300
gataaaacac cattttttct aaaaaaacg aaaattatgt gggcgctt                                     348

<210> 93
<211> 343
<212> DNA
<213> Homo sapiens

<400> 93
agcctggcca acgtagtga accccatctc tactaaaaac acagaattag ccaggcttgg      60
tggtgcgcac ctgtaatccc agctactggg gaggctgagg caagagaatc acttgaacct      120
aggaggcaga ggttgcaagt agcctagatc gtgccactgc actccagcct gggctggaca      180
gagcaagact ccatctctga aaaataaaaat aaaataaaaat aaaacagaaa aacagaatag      240
aagaagatag ctaagaacca cagtgggtcaa gccagcctgg cttcaacaga gatgaatgga      300
gagaccacgg tcagcccat taacagaaga actggggcca gga                                     343

<210> 94
<211> 355
<212> DNA
<213> Homo sapiens

<400> 94
gcagacacct gatagccagg caggcaacgc ctgctagagt ttctggacca gtgggtccac      60

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ttctgtgtga	actcagctgg	tgggttcagc	cacctgttgt	cctgggaagc	acctggacag	120
tagggcatgc	atctctaccc	aaacctgcc	ctggtagcca	tgaaagccat	gcctgcttag	180
agctgcaagc	ccagcagtc	tgcttctgcc	tgaactctga	aggcaggcac	aaccccatgt	240
ttccctggga	agtacatgga	cagcagatta	cggccaaccc	agcaaggata	aggcttgtct	300
gacaactgca	acccccgccc	aacttcatga	gagaggtcaa	catttaaatt	cagaa	355

<210> 95
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 95						
ggcacgagcc	gacacccgga	agcctagttg	cctggagggt	ctgagcgttc	tgttcggacc	60
tcctaccgtt	actctttcat	tcaactcaaga	aatgatttct	tgagttcccg	gcctttgtca	120
gagagatgaa	cgaggcacgg	tccgtgtcca	gctaaaggac	agtatgactg	gaagagcgtt	180
gttttccaag	gtacaggatg	ccgcgcctcc	tatgagccga	agggacggga	ggccgcgtat	240
aggaggggac	cgtccccgag	cctcgccgag	cctgcggtgt	agacacctct	gggtggttagc	300
cggtgacgat	ctggtgaccg	cgcattgtcg	gttccaagga	ccgttcttac	cagaaaaatat	360
ctggctgtcg	cgaatacatc	ttgctggggc	cgcctcggtac	cg		402

<210> 96
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 96						
cgttgtgtgc	gcaaagcatg	gttgtgtgag	accagaggtt	gcgaggaggt	ttttaactga	60
tttagccagg	tggcaatcat	gagtgaatgg	atgaagaaag	gccccttaga	atggcaagat	120
tacatttaca	aagagggtccg	agtgacagcc	agtgagaaga	atgagtataa	aggatgggtt	180
ttaactacag	accaggtctc	tgccaatatt	gtccttgtga	acttccttga	agatggcagc	240
atgtctgtga	ccggaattat	gggacatgct	gtgcagactg	ttgaaactat	gaatgaaggg	300
gaccatagag	tgagggagaa	gctgatgcat	ttgttcacgt	ctggagactg	caaagcatac	360
agcccagagg	agtctgaaga	gagaaagaac	ag			392

<210> 97
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 97						
cgttgtgtgc	gctggtctca	ggcgggtctcc	gctcaacgat	ccttcctcaa	agcatgggtg	60
ctgagtaccc	agagttgcga	ggagtttttt	aactgattta	gccagggtggc	aatcatgagt	120
gaatggatga	agaaaggccc	cttagaatgg	caagattaca	tttaciaaaga	gggtccgagt	180
acagccagtg	agaagaatga	gtataaaagga	tgggttttaa	ctacagaccc	agtctctgcc	240
aatattgtcc	ttgtgaactt	ccttgaagat	ggcagcatgt	ctgtgaccgg	aattatggga	300
catgctgtgc	agactgttga	aactatgaat	gaaggggacc	atagagttag	ggagaagctg	360
atgcatttgc	tcacgtct					378

<210> 98
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 98						
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gatgttactc	agggtcccg	cagccgtgtc	aactcttcaa	gaaatggcac	caggaacaac	120
atttaaccgc	gtcattgggt	attcatctgt	ggatccaaaa	aagggttaaga	ccctcggtt	180

ctgctccggc	aaacatttct	actccctggg	gaaacaaaga	gaatctctgg	gggccaagaa	240
gcatgacttt	gccatcatcc	gagtagagga	actctgcccc	ttcccgttgg	attctttaca	300
gcaagagatg	agcaaataca	aacattgtta	aagatcatat	ttggagtcag	gaggaacctc	360
agaacatggg	gtccgtgggc	gtttgtttct	ccaaggattg			400

<210> 99
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 99						
cgttgctgtc	ggataaattc	gcgtgctaag	gaggtgacac	tggtattggt	tgtcctggcc	60
attatgtggt	acatggcact	ttatccattg	ctgactccat	tgagttggaa	ggatatggcc	120
taccagatga	cattgtgata	gaaaagaggg	gcaaaggcga	cacttttgtg	gactgcaactg	180
gtgctgatat	taaaatctca	ggcataaaat	ttgatcagca	tgatgctgta	gagggaaatct	240
taattgatca	ccgtggtaag	actacgctgg	aaaactgtgt	gctgcagcgt	gagacgaccg	300
gagacacagc	gcggacatca	gcagagtttc	taatgaagaa	ctcggattta	tatggagcgc	360
aggggtgctgg	tatttaaaaa	taacttggga	gtcaatgcgc	gcg		403

<210> 100
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 100						
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ggggagtggt	aacctgagcc	gcggctctat	cgttcaaaga	gtttaaaaag	cattaatggt	120
catggcgatc	tactacgaaa	aagccatcct	ccaaaagtca	gggagcgcca	ttttctgaa	180
agcaattcta	ttgacaatgc	cctgaggcga	ctgaccttg	ggaatgaatt	ctctgtcaac	240
aatgggtaca	tgcgaagatt	caaactcttt	tctgaactcc	cctcctgcga	tggaaatgaa	300
agttgggctt	atcgcaacgg	gaacaaaaca	ggacccaggt	ccgcgataac	tatattcaga	360
cctaacgact	attgggaatc	ttggaaaaac				390

<210> 101
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 101						
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ttcctgcagg	aagtccacac	aagctgggat	gagggggagg	caagacaaaa	gggcagggca	120
agtttgacac	aattaacacc	tcgatcatgc	ctccaaatgc	agagggctt	tcaggggaagg	180
agaatcaaaa	tgtacgggag	aaaaatgaca	ggagacgaca	ggcacgggtg	ctcacgcctg	240
taatcccagc	actttgggag					260

<210> 102
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 102						
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ttaccatgca	cgctgactct	tattgaaata	gaccgctggg	aggcagcatg	atggagtgaa	120
aatagcatgc	acgttcaaat	ctgaaagata	tgggtgcaga	cacctactat	tctgtgccat	180
ttggagaaaag	tcatccacct	cctgtatagg	acttttcttg	gctttaaaat	gaatagatgt	240
cttgaggata	ttactggctc	caattaaatc	aaaatttttg	caaaaaggtc	tgacactggc	300
cgggcgcgga	ggctcacgcc	tgtaatccca	gcn			333

<210> 103
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 103						
tgacggcctt	ntgcagatcc	cctcgactcg	aagtcgggtg	ctgtcggggc	aattctgctc	60
aactgcttgg	tgaggctcga	gttcagccta	atccatcaga	acatgagctc	cttgcataggc	120
tcaggactgt	ccactccgta	caccagagga	ctttgtgttt	ccattgcttc	ccaatgaaga	180
attgagagag	aaatacaggc	gctacctctt	cagggactat	gtggagagtc	attaccagct	240
ccagctgtgc	cctgggtgcag	actgccccat	ggttattcgg	gtacaggagc	ctatagctcg	300
ccgagtacag	tgcaatcggg	gcaacgaggt	cttctgtttc	aagtgtcgtc	agatgtatca	360
cgcacccaca	gactgtgcc	caatccggaa	atggctcacg	aagtgtgcag	acgactctga	420
aacagccaac	tacattagt	ctcacactan	agactgtcc			459

<210> 104
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 104						
tctcaataga	cacttttata	tagcagatgc	ctttatgagc	atgcctgctc	tttcggggcga	60
agcgggtctac	gcttgcgaga	aaacttatga	aggagaccct	gctgtgtttt	tctgttgctc	120
ctcagtaact	aaattttgct	tcagatttct	gcttttctac	catggggagc	aagacaaggc	180
tttgctttga	ctgaatccca	acctggaaaa	agccattatc	tccagcctca	acactgccac	240
aagggggcat	aactgaatca	gaggatatac	tctatctgag	acaaggatgc	aaagggatgc	300
cttccgggtac	tactaactca	attcagttca	ttcatcatca	gcatacatgt	aattcatata	360
tagcacaact	gctcaggtac	ggaaaataat	gctgacaagt	tgggggtttt	tttttttttt	420
tttgaagaga	aaacg					435

<210> 105
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 105						
ttttgcagga	tcccactcga	ttcaattccg	tggctgtcgg	cctgattaac	tgccacggtc	60
acgaggagtc	taaggacaca	tccaatttcc	attggcatgc	aaaatggaat	ccgagacaga	120
aagaggacct	tanccttcat	atctggtttt	ttcttatgaa	gcttcttctg	gttggaaact	180
tggcaaat	catcaggtaa	gaagtgctaa	agtgaacctg	taaactttgt	ttcaaaaaac	240
aaaaaccgaa	gtttaagaaa	tctaaagatg	gtgtcagcct	tagacagatc	tctggactgt	300

aatctgggaa aggtcaaata agatctccaa tcgtgtacaa ttccaaatac atttgagagc	360
agtgggtctg aaaatgtggt tcccagacca gcagcatcaa caccatgaag gaagttgtta	420
aaaatgcaaa ttct	434

<210> 106
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 106	
aaactctggt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt	60
cctatcacat cactagcact tagtacagaa ttggggctct aanaatattt ggcaatgatg	120
acctgtgttg ctttcaagaa agtattccaa gtgatagggt ccaccataat ccatattgct	180
ttaactcttg tacaagtgga caaatttttc tatt	214

<210> 107
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 107	
gctttcccg ggcgtgattc ctgagtgtg agcgcggaacc cgaggagatg aaccctttaa	60
ctaaggtgaa gctgatcaac gagctgaatg aacgagaggt ccagcttggn gtagcgcgat	120
aaaggtgtct ggcactccga gtacaaagac agcgcttggg tctttctggg agggcttgct	180
tatgaactga ctgaagggga catcatctgt gtgttctcac aatatgggga gattggtaac	240
att	243

<210> 108
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 108	
atattctaatt tccgaagctg gnggggggggc aaaacaggtc attccatggt tgaaaggaag	60
ttgatgaagg agcctgggaa agcgggggaat tattcacaga gagaaacgac agcagcgtaa	120
acgtgataag gtgctgactg attctgggtc attggattca actatccctg ggatagaaaa	180
taccatcaca gttaccaccg agcaacttac aaccgcatca tttcctgttg gttccaagaa	240
aaatagaggt gattctcatc taaatgttca agttagcaac tttaaatctg gaaaaggaga	300
ttctacactt caggtttctt caggattgaa tgaaaacctc actgtcaatg gaggaggctg	360
gaatgaaaag tctgtaaaac tctcctcaca gatcagtgca ggtgaggaga agaggactcc	420
gttcac	426


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<210> 109
<211> 124
<212> DNA
<213> Homo sapiens

<400> 109
atctgcctcc cctgtctgta aggagcagcg ggaacggagc ttcggagcct cctcattgaa      60
ggtaggtggg ctgccggtc tgggctgtgg ggccttctg ccacgctctt gaggaagccc      120
atgc                                                                    124

<210> 110
<211> 364
<212> DNA
<213> Homo sapiens

<400> 110
gagcagactg aacaaatgat gtgagaatct cttcagttcc aaccaagtgg cggaaccag      60
ctaagagttg ggtactgctg aggaaaattg atgggcagtt ggtaaaatag gtgtgaatga      120
gagaaagctt tgttggggaa ccatgggtggg tatgtgggca cgttctacat tactacaagt      180
attgggaatt tcccagggga acagcaaaat cttgtcttat ttatgtttta ttttaaaaaa      240
ttccactgg gtgcagaggg tcacgcctgt aatcccatca ctttgggagg ctgatgcagg      300
cagatcacga ggtcaggaga tcgagaccat cctggctaac acggtgaaac cccgtctgta      360
ctaa                                                                    364

<210> 111
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 111
cgttgctgtc ggctgataa actgccacgg ccacgaggag tctaaggaca catccaattt      60
ccatgcgcat ccaaaatgga atccgagaca gaaagaggac cttagccttc atatctgttt      120
ttttcttat aagcttcttc tggttggaaa cttgtcaaat tcatcagggt aagaagtgtc      180
aaagtgaacc tgtaaacttt gtttcaaaaa acaaaaaccg aagtttaaga aatctaaaga      240
tgggtgcagc cttagacaga tctctggact gtaatctggg aaagggtcaa taagatctcc      300
aatcgtgtac aattccaaat acatttgaga gcagtgggtc tgaaaatgtg gttcccagac      360
cagcagcatc aacaccatga aggaagttgt taaaaatgca aattctcagg ctctcccctg      420
n                                                                    421

<210> 112
<211> 424
<212> DNA
<213> Homo sapiens

<400> 112
tttttgcgta tccactcga ttcaattccg ttggggtcgg tggtgccaaa agccaaggtc      60
atttgcacat attccatcaa cctgtcaaga atggggcctg agtttataac ccaaggcatg      120
gaagtgcata cattcttta gctgggcaaa caattatact gtagttgtga tacaacacat      180
gtggctttta tttgtactgc acatatccac tgtacagcca cttgggagta tcgtgggttag      240
cttgagcaa ctgctgtctg catttatact gtttattgca tattcttttc cctggaagtg      300
aaagagaaat gtttttcttg ttgcattgat tacattttat aaatttgctt agctggaaag      360
tttgggaaaa gaggcctgtt tgtcaattgt acaaccgatt gtgaagctct agtgtgaata      420

```

tttt

424

<210> 113

<211> 414

<212> DNA

<213> Homo sapiens

<400> 113

cgttgctgctc	gaaaaataca	aaaattagct	gggcgtggtg	gcacatgcct	gtaattccag	60
ctacttggga	ggcgaagcag	aagaattggt	cgagcccagg	aggtggaggt	tgcaatgagc	120
caagatcggtg	ctactgcact	ccagcctggg	tgacagagcc	agactgtttc	aaaaaaaaaa	180
aaaaaaggta	aaaaaccttt	tttttttatt	tttttaaggg	gaaaagaaac	ctttttttta	240
cctttcattt	tcctttcgga	aaaattcatt	taacaaaaag	ggggcccaaa	atggccccaa	300
ccttttaaac	cctttcaatt	tgggcaaggt	ttttaaaaaac	caaaaaaaaaa	gggaattggc	360
cctccaaaaa	aaaaataaaa	taccccaaaa	aggggggcat	ggtttaaaat	attc	414

<210> 114

<211> 415

<212> DNA

<213> Homo sapiens

<400> 114

cgttgctgctc	ggaagaattc	gcggccgcgc	gacagcaacg	gtttcaagat	tcacctcctc	60
tcaccaaata	tttaactacc	tgctgaatac	gcctctgtac	taggcacata	atgggaactaa	120
aaaatgctca	tgtccagttt	ttgtgttgag	tgaacaatgc	tgcagaccct	aataagattg	180
ggtacagatc	ggcatgcgcc	tgtagtccca	gctactcagg	agaattgctt	gaacctagga	240
ggtggaggtt	gcagtgcgcc	gagatcgtgc	cactgcactc	cagtctgggc	aacagagcga	300
gactccatct	cagaaaaaaaa	gaaaaaaaaa	ctgggtacag	atgtgatatt	ggaagaaaaa	360
gatcaagctg	atgaggttag	gatacccagg	ccctttggac	ttaaagatca	ctagt	415

<210> 115

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 115

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagttg	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tggtggggaa	ccatggtggg	tatgtgggca	cgttctacat	tactacaagt	180
attgggaatt	tcccagggga	acagcaaaat	cttgtcttat	ttatgtttaa	ttttaaaaaa	240
ttcccaactg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	300
cagatcacga	ggtcaggaga	tcgagaccat	cctggctaac	acggtgaaac	cccgtctgta	360
n						361

<210> 116

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

```

<223> n = A,T,C or G

<400> 116
gggtaacctg gagacattca gaaaatatct gtggaactcc tgcattttgt gaggcactgc      60
ccacggcatt ggagagagag atgcctttgt ggtggctcta aaagagttca cagtctggcc      120
aggagacatt gtacaaacag actataaatg gctgtgcttc ttttttttct aaagaatggt      180
cagcggggagc acttgggacc tacctgtgag agctgaggaa ggcttcacag aagaggtcct      240
gcttaagagg aaacatttgg ggccagggtc agaggctaatt tttttgtatt ttcttcttag      300
cagagatgcg gtcnctcgct ttttccggac cattttcaac ccttcactna aagggtgctc      360
ctggagaggg atctttttgt gccgtg                                     386

<210> 117
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 117
agtgcagtga tacaatcatg attcactgca gcctcaacct cctaggttca aactatcctc      60
taacctcagc ctcttgagga gctgagacta cagggtatgta ccactatgcc tggctgtttt      120
tttaattttt tgtagagatg ggtctcact atgttgcccta agctgttctt gaacacctgg      180
gctcaagtga tcctcctaacc ttggcctcct aaagngctgg aattacaggc atgagccctt      240
gtgcccaggg tctggaattc tttagagaaa tccttcactc gtcttaatag aaaacctatgc      300
cttattaggt tactcacctt tatatcaaaa tttttcctgg gtgggtgcag acgctatatc      360
tttggaaca agaagtcctt tataaa                                     386

<210> 118
<211> 385
<212> DNA
<213> Homo sapiens

<400> 118
gggactcttg cttaaaggcca gccatggact tacacttaca aagcatcacc ttatcaaagg      60
tggaggaaga tcaacttgat atcaagggtg accagatttc aggggaatagg gattctcact      120
aaactgactc ccagaggtct cttttagcaa ggcactcatg ccaagcgcag tggctcatgc      180
ctgtaatccc aacacttttg gaggctaagg cagggtggatc gtctgaggtc tggagttcga      240
gaccggcctg gacaacatag tgaacccag tctctactaa taaaaaaaaa aaatgggccg      300
tcacattggc tcaggcctat aatccaaca ctttgggagg ccgaggtggg tggatcacct      360
gagggcaaaa gtttgagacc cgccc                                     385

<210> 119
<211> 386
<212> DNA
<213> Homo sapiens

<400> 119
tattaataat gctaaacact taccagcttt gtaactttag ctatctatca ccattgagtt      60
gtttcctaata ctataaaatg gtggaatcc ctcatcagac tgtggaactg atgaaataat      120
atggcatatg taaacatttg gttcaagacc tgctacattg gatgaggaat gtcaacagta      180
aagtaaaatt ttgatctttg agtgtgtagt gagcttgta tgtcactttc tgtggattct      240
atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagtgg      300
ctcacaccta taacccagc actttgggag gctgaggcag gcagatggct tgagcccagg      360
agttcaagac caacctggga aacatg                                     386

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<210> 120
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 120
 tatttactac ctgggtcattt ataaagaaca gaaattgatt tttcacagtt ctgcaggctg 60
 gaaatccaag atgaagtcac ctgtagttca gtgtctgcgt ctaagagagt actttgttgc 120
 tgcacccgcc agaggggaaga aatactgtat cttctcatga aggaaggaac cgaagggtggg 180
 aatagggacc aaactccctc tttcaagcct ttttgtagt acattaattc atttatgagg 240
 atgccaccat catgacataa tcatttccca aaggatttca cctcctccca ctgttgccatt 300
 ggggattaat tttccaacac atgaatttg agggacacat tcacaccata tgcactggta 360
 tatagtaact aggtggcccg atg 383

<210> 121
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 121
 ctgttgccca ggctggagtg cagtgggtgca atctcggtc actgcaagct ctgcttccca 60
 gggtcacgcc atttctctgg ctcagcctcc caagtagctg ggactacagg caccgccac 120
 agtgccctggc taattttttg tatttttagt agagacaggg tttcaccatg tgagccagga 180
 tggctcctaat ctctgacct tgtgaaccac ccgtctcggc ctcccaaagt gctgggatta 240
 caggtgtgag ccaccacgcc tggcccatga accaagtgtt ttaaggaaa caaaactatt 300
 tttttaatca tcagatttat actagctata tggatattag catatctggt aattatgaat 360
 ctagaatttt ttacatatt tttataatac tggtagctca ggtattggag 410

<210> 122
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 122
 cgttgctgtc gaaaggacaa aaccctgact ccagtgagt ctgaggccaa agctgaaaac 60
 agaacccaag aagcttaatt cctgacctca gttccaatca aacagcacga attgtgggtg 120
 acctccagct gtgtctcagat ggggggacac aatattggca gtacctctt ccttgccctc 180
 caggctgagt gccagtgtgg gaggctgtc atgagagccc tgcacaagcg ggttttgagc 240
 acatgctacg ctctagcccc gtggaagcct ggactagtta gaggcagaga acagctcagg 300
 acagacacct ccctgcagag ccaaacagag tgcagcgccct gcctcgctgg gccatcctga 360
 gagctggggc cttcccagga aagagggagc tcggnngggc ccaccccatc 410

<210> 123
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 123

tacggctgcg	tgaattatac	agaagggtgc	aatgttttgg	agggggagaa	gtatttcaca	60
cacataagta	tgattttccc	caaccagacc	acaagctctt	caaggttaac	aacaccctag	120
cccaaccccc	tccccctcag	acaattcttc	tgctctccta	gagcagactt	tgatctagat	180
tggatctaaa	ttgactcgaa	atgtcaggaa	gaagagatta	atgcacatgg	tccctttctc	240
tgagagaagg	agtgatagag	caaagcttaa	gcctgggagg	gagatgaagc	tgcccagcac	300
tctcttcacc	ccgtctgggg	cttcgaaggg	ggacaggtgg	aacactagag	acagctggct	360
gcctggtccc	gagctccatg	tgaacagcct	cctcccaa	cttcctttgg	atctgn	416

<210> 124

<211> 382

<212> DNA

<213> Homo sapiens

<400> 124

cgctctgtcca	tctgtcgtcc	ctgccagcac	agggggatgg	tcctggctct	aggggctgca	60
gaacacagca	aggcccagag	gccagaggct	gcaggcgggc	ctgaggggtga	acttcccccc	120
gagaaagagt	ctctggaaga	gaatgaatgg	cccagcaggt	agtgagaact	ctgtcactag	180
ggatataaag	cggggatgga	cacagggaag	gacatttctg	catcagtggg	gggtccccat	240
cagttaagag	agcctgtgac	tctgtcgagg	gaccatgggg	gggtggcacc	gagcccaggg	300
cacctgaggg	cctgtctgga	tgcagctgct	agtggtcata	ggacagcaaa	cactattcat	360
tggattctga	cttaggcagg	ta				382

<210> 125

<211> 382

<212> DNA

<213> Homo sapiens

<400> 125

tgatccaccc	gcctcagcct	cccaaagtgc	tgggactata	gacatgagcc	accaaacttg	60
gctagaaatt	ttctcttttt	tcccttagac	ggagtcttgc	tctgtcacc	aggctggagt	120
gcagtggcgg	aatctcgact	cactggaatc	tatgactccc	aagatcaaga	gagtttccta	180
cctaagactc	acgagcaact	gggattacag	acgcctgaca	gcatcgctg	gctaaagatt	240
atattaatgg	tcgagatgcg	ggaatatact	gaaggttacg	ccggcgacaa	gactacttaa	300
tggggcgagg	gggagaatac	gacttaaacy	gtcccgcctg	gacaagacga	ggaaaagcct	360
ctatttgcca	gaacaaaaga	at				382

<210> 126

<211> 411

<212> DNA

<213> Homo sapiens

<400> 126

caataaccat	gtggagaagc	tgtgacattt	ttaatttaca	acctttctgg	ggctcagaca	60
taaagttacc	tatccaaggt	tgagttggg	tagtggtggg	accaggatgg	acaactcatt	120
ggccctgcct	caaaagccat	acctcttctc	ctgctatgca	gaatctgttt	ctcctgaatc	180
tctgtgatgc	tggtgggaat	tgtttgata	gaggaaggac	aataaccctg	ccatcgtag	240
ttaatgtccg	ggctgggtcac	agtggttcat	gcctgtaatc	ccagcacttt	gggagtccaa	300
ggcaggcata	tcatttgagg	tcaggagttt	aagaccagcc	tggctaakat	agtgagcccc	360
tgtttctact	aaaaatacaa	aaataagcca	ggtgtggtgg	tgcatgactg	t	411

<210> 127

<211> 412

<212> DNA

<213> Homo sapiens

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<400> 127
cgttgctgtc ggaaaactac aaagcagcag ttaacagatc aaggaaatgg taaatgtata      60
gactttatga ataatatcca tgttgaaaac gaatcttttg ataactttct aaaagaaaca      120
aacaaagaga acttgctcga tatcttaaca gaacctgaga ggaagccaga tcctaaatta      180
tataccagaa gtaagccaaa gactgactct tataatcaaa ccaagaacag tttagttcct      240
aaacaagcct tgggcaaaaag ttcagttaat agtgctgttc tgaaagatag ggtaataaaa      300
caatttggtg gagaaacaca aagcaggact ttcccagtaa aatcacagca actctctaga      360
ggagcagatc ttgcaagacc aggagtaaaa ccctcaagga cggttccctc tc              412

<210> 128
<211> 373
<212> DNA
<213> Homo sapiens

<400> 128
aaagcatcaa aaccttttct ttaatcccaa agttactaaa gtgatttaat acatttgata      60
ataccataat actgccatta tctttaatct ctctccaact tctgccata aatcattttc      120
tcagagtggg cctcaattta gggtagaatt gctagttaca tagatgatgt caattgggaa      180
atacaaaaaa attagccggg cgtgggtggc ggtacctcta gtcccagcta ctcgggaggc      240
tgaagcagga gaatggcgtg aacctgggag gccgagcttg cagtgaactg agatcgcgcc      300
attgcactcc agcctgggca acagagcgag actcccgctc caaaatagat acctgatttc      360
tttttgactt caa              373

<210> 129
<211> 401
<212> DNA
<213> Homo sapiens

<400> 129
cgttgctgtc gccagcacc cggcatgtta atagttgttg aaagatctct gaataaggga      60
gtgtgggttg ctctctcaat tgcaatacca atgggaccac cacggtttta tctgggttaac      120
agcttcacag atccagaatt ttatgtaatt tgtctgtgta tccagaattg atcatattcc      180
ggagtctgac tcatggtaac ccagctgtca gtagactgat gcgtaagcca ggtgcaaatt      240
tgtttacttt actattgaag tagataccct tccaatgact gaaatcccat atttaggata      300
ccccattcct gctatggaaa tacttaggag actaaattgt gaatcaaagt ttgtgactgt      360
gaggccgagt gcagtggctc acacctgtaa tcccagcact t              401

<210> 130
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 130
gcactccagc ctgggcaaca agagcgaaac tccatctcaa aaaaaaagaa aaatgaacaa      60
taaaataatg gtgggctgtt cgggtgaggg tagtgggtac tctggggctc tgccagagag      120
taaggactga gacctcttt caacatctga gttcctcttc atgaattgcc ctccagaaggg      180
tggccagggc cgggcgcggt ggctcacacc tgtaatccca acactaggag gccgaggtgg      240
gcggatcaca atgtcaggag atcgagacca tcctggctaa catggtgaaa ctctgttttc      300
actannaata caaaaaatag gccaggcgca gtggctcacg cctgtaatcc agcacttttg      360
gaggnccgag cggg              374

<210> 131

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<211> 239
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 131
 ctttataaaa tgtctccatc tttataaccc aagacatctc tctataatcc aaagtttcat 60
 tctcctttga aatctcaaca tatatatattt cagaaggaaa ctacttgtag gtggctctgtc 120
 actattatct gtcataatct aacttctaga cttgttgata agttcagatt ccaagtttta 180
 gtacgattta ctaaaaaaaaa acctagcatg cagaaacaaa aatattttct ctacagctn 239

<210> 132
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 132
 gttggacaag attttatgta gtctatgcag ccacttggtg ataaagaaag cagcaaaaagt 60
 ggtagtcagc aatttgggcc aactatctta cttttctgct ctcttccaac agctctgcta 120
 gatgcaagtg acagaaaatt aatgaactct tgcaggaatt ctatcccaac ctctggaatt 180
 caagaatgtc ctctattttg gctagttaga attgtagagag tcattctcca tggaaaatga 240
 cttgattcat agttattcta ttattaagaa aacaatggct ggctgggtgc ggtgggtcac 300
 gcctgtaatc ccagcacttt gggaggcaga ggtgggcgga tcacgaggtc aggagatcga 360
 gaccatcctg gn 372

<210> 133
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 133
 gccttctggt actttgtgtc ccattagtag ctgcctctat gccttaccat tttgagcaga 60
 tccttgagtg ggatgatacg tgcaaaaactg tgcttttaggc agtttggtgt tataggcacc 120
 tgctctctac tctgtttgct ctcaacttag taggtggagc agcaattttc cttttttggt 180
 atatggaata ttctggtaac ttttttgcaa ctttaagaaa tttcaagcca ggtgcagtgg 240
 ctcacatctg taatcccagc actttgggag gccgaggcag gtggatcacc tgaggtcagg 300
 agttcaagac cagcctggcc aacatggtga aaccccatcc ctactaaata caaaaaaaat 360
 tagctgggagc tgggtggcaca ttctgtaat cccagctac 399

<210> 134
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 134
 tccctgaagt catggactgt gccagtcttg tccactcctg tgtccccagg tctgtgcaca 60
 aggctggca tgtggttagat ttaaagtggg ttcgttattg cgcacacagc tgttctactcc 120
 tgattttcca gtacctcttc tgtgtcagga gctcttttat gttaaagcttg agatcacagg 180

aacccgctgg ttaacagggt tgtatccc

208

<210> 135

<211> 372

<212> DNA

<213> Homo sapiens

<400> 135

actgtacacc	agtgggttctc	ttcaccaact	ataatgccta	attttcccgt	taatttccta	60
cttctgggta	ctgtaaacia	agtaaatecc	tcattcccta	cagctgggcc	acaaaaccca	120
ggatagaccc	ttgtaatctc	tgtgatccct	ggatgttcac	atgagctctt	gactgatgcc	180
cacttctctg	atgttgggtca	acattttacc	tggatccctt	ggaaggaagg	gaaacaaaaa	240
ggatcagcaa	tatgaacctc	ttaatttgag	taaatgctaa	tcaaaccxaa	taacaggcog	300
ggcatgggtg	ttcacgcctg	taatcccaac	actttgtgag	gctgagggtg	gtggatcacc	360
cgagggtcagg	ag					372

<210> 136

<211> 371

<212> DNA

<213> Homo sapiens

<400> 136

ggattgtgcc	tgcactgaat	aaaaacaagc	agctccaact	tctcagggct	gctctctggc	60
cactagagcc	aggcagtcac	ctagctgctg	ttatgctgca	tacctgtctc	tgagtactcg	120
cttcatccat	cggccagggt	ctgtgggaca	gaacaggcag	gtgggtgccc	atgtgaggaa	180
cgctgcaatg	gattgcaagg	gaacccctga	aaacaaatgt	gaagcgactg	agcattgtta	240
tccttataac	accaggacct	aatgagctat	agcgccctcg	atggatttct	ttcgtcctca	300
cactttgaat	gctttttgtc	ccctcccccc	atcaaaaacc	aggggggtggg	gtctctcacc	360
agctcgcccc	g					371

<210> 137

<211> 402

<212> DNA

<213> Homo sapiens

<400> 137

ggcacgagaa	aaagagagat	aatctctaaa	attttgtgag	ttttctgata	cttaactgtc	60
aaaatacagc	agatatctca	agtttctcta	gttgtaaaat	ggacttattg	aaacttgcag	120
agtttttcta	caaattttaa	atatcttatg	tgtacagaaa	gggaaaaata	gtaacattac	180
cagggagaaa	cccagtaaac	atcacttttag	gcaagtgtatc	aaagttgaca	tcacctgtaa	240
taaaacctat	caatatcatg	tgcccccaaa	tatggtttga	ggaggtagcc	atgtcacatc	300
tgtgacagtc	ttcccctaaa	tccataacct	cagtctaate	atgtgaaaaa	tatcagagaa	360
accacacatt	agggtcattc	tacaaaaacc	tgacgagtac	tt		402

<210> 138

<211> 405

<212> DNA

<213> Homo sapiens

<400> 138

cgttgctgtc	gcaaactttg	ggttttattta	taacgaaaca	caggagaagg	tttcagcagt	60
tgccccgagc	tgttttgtgc	gtaatgaagt	ggctctttga	ttaaggagct	ctatttctta	120
tttaactgat	atcccactgc	cccactccac	agaataggaa	aatgaacaaa	tctttctctc	180
tgacttggtt	acatcatttc	acggaaacac	atctttgttt	gcaatgcagt	attctttctc	240
tgtgctcgac	agagatgggg	aggggcacac	gaacttaaga	ggctctagaa	caaacgctat	300
gctgattatg	acttggttcc	acttctcgca	cagtgtcagt	cttaagtgtc	taccacacct	360
aaaggtaaaa	ccccctcct	tttagcctaa	ggggaggggg	ggacg		405

<210> 139
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 139
 ggcacgagga accttgctac aggtagaagg gatgttaaag acttggtttc cacaaatagc 60
 tgcccagaag tcatcattgg gtggtggcaa gcatcagctg accaagcatt ttccaagcca 120
 ccacagtgat tcagctgctt cctctcctgc atctcctatg gaaaagatgg accagacaca 180
 gctaggacat ctagctttta aaccaaagca gccttggcac ctcacacaat ggccagctat 240
 gaacctcacc tggatccaca ccactccaat ttgcaacccc cctctcagct cccaggtac 300
 tatctccttt agccatgggc cttaggcac tggaaaccggc attggcgctca ttcttttcct 360
 ccagcatgga gtgcaacctc tcaccactc tgccccan 398

<210> 140
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 140
 ggcacgaggt tgactgcaga gtgaaacatc cttgcaaact cttcccacct ctttcacgac 60
 actgagttgc catgtgaggt tcttcaagtc tgagagtggg agggatccct atggagactc 120
 ctattaaacc cctattagag gaagagattg agagacctag caatgtgaag taacaaagat 180
 caggcagctg caagtgactc ctgaatcttg agtccagggc tttcgccact acagtacagt 240
 ggttttcttt tctttggtcg gggagagtgg gctggaatgg agagtgaggc ccacaaatta 300
 cctgcagaga cgtggaggcg tgagggagaa catgcttggt aaatatgcag gtagattagg 360
 agacaccaaa cagagattca gacacagtaa ggctgggatg ag 402

<210> 141
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 141
 cgttgctgct ggtaagctaa caaacaatcg aggcacatac acacacacac atatatatat 60
 tttttccttc aatgcaatga atattttatt gagcatctta tgtgggcaag gcactctatt 120
 tgtgaaaaat tcaaaagatc acctgccctt aggaatcctc tgggtcaactg tacgagaaga 180
 aggaaggggg caaggtgaga caagtaagca aataattatg gacttgactt ctgggcagaa 240
 gctatcacag ctacatttgt taattgctca gttaagtgc ctttgaaatg ttctatagcc 300
 atgtctccat taagaatatg aaatacggcc gggcgcggtg gctcacgcct gtaatcccag 360
 cactttggga ccccgaggga ggtggatcat ttgaggtcn 399

<210> 142
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 142
cagagtttgc agtgagctga gatcgacca ctgcactcca gcctgggcaa cagagcgaga 60
cgtcgcaaaa ttaaaaaaac caaaaaaaa aggggggggg cctttttctt ttttttcccc 120
aacttgga aaatcttttt tgtgtggggc ccccccccc ctggaggggg ggggaaaaaa 180
cccctttttt ggaaaatttt gggccccctt tttttttggg ggaccatta aatcccccaa 240
aaaaaaagta aaacaccccc ttgggttttt tttttaattc cgggccgggg gggggggggg 300
ggggttggtt tccaccc 317

<210> 143
<211> 406
<212> DNA
<213> Homo sapiens

<400> 143
gccgttgctg tcggcctgta atcccattta cttgggagggc tgaggcagga gaatcgcttg 60
agccccggag ggggaggttg cagtgaagctg acatcgctgc actgcactct agtctgggtg 120
acagagcaag actccatctc aaaaaaaaaa aaaaaaaat tttggaaacc taggggttta 180
aaaaaaaaa aaaacatttt tcatcttggg ggggtggaacc ccaaaaaaa acccccatth 240
aaagccaccc tttttttaag ggggaaggtc ccaaaaaaa ggtgggcccc cgcccttgta 300
ccggataaaa ctcccaaaag ccccccaaa aaacatcccc ttgggggggg ggacttaacc 360
cgggggggtt tgggggagaa tgggtaagcc ccaaaagggg gcctaa 406

<210> 144
<211> 398
<212> DNA
<213> Homo sapiens

<400> 144
cgttgctgtc gggccccagg tggggagatg actccaggag gggacctgcc aaggacctgg 60
gcagccagcc acgtgttctg tgccctgcca ctgccagctc caaactcaca gtgtcatggt 120
ggtgggttggt tgggaaaacg tcctctgctc atacttctga catcagttgt gtgggtattt 180
tcacaccaaa caattcttca acttctggaa acgaattggg tatccaagga ttccattcag 240
cattgaacag aattgccagt gctgacacta caggagttag tacagacccc acagattaag 300
ggctcagtc cataagactg cccccacttc agatgccagt cacaacttcc aggggctgcc 360
catacttctg ttccctcagc gcctctgcag atgtgagc 398

<210> 145
<211> 402
<212> DNA
<213> Homo sapiens

<400> 145
ggcagagca cagtatgaac tactgctgat gtctctgttg gggatcagag ggctggcggg 60
aacgcgagaa gggcaccagc agcattccac acccagctct tcctcacctt cctgtctagt 120
ttgaatttct tttttttctt tttctttttt ttttttttaa attaaaaagg aaaaaggggg 180
ggtggggaaa aaacctaacc caaaaaagg gcataagggc taaaaccacc ccagaaagg 240
ggcccttggt tgggggaaca agggctttgt taacccccct tgttttggtt ttgcacaagg 300
tgggccctgc ttaattttca ggggcctatg ccccatthtt ggccctgggg ggctcggggc 360
taaggetcca cagggtgaa agtcccctgc caggttttag gg 402

<210> 146
<211> 406
<212> DNA
<213> Homo sapiens

<400> 146

ggcacgagcc	ccaccctgct	gccttatttg	taccagggc	tttgacacaa	accagtgct	60
ttgcttatgg	gtgctcgctg	gggtccgggtg	gagactgacc	accctgcttg	agccaaagac	120
aaggtgatga	gagatgggga	gaggccattg	gctcccagag	ggaacagcgc	tggctgtggc	180
tagagaacag	caggctctgtg	cagtgtctga	gggcaggttg	ggaagggtag	cagagagaga	240
gagacagaaa	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gactctcaga	300
gtggaatggg	ggggacgcat	ctagacacat	tggctagtca	cgcataagg	agggagaagt	360
acaggggata	ttataatggg	tttccccggg	ggagccttag	gaatcg		406

<210> 147
 <211> 372
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 147	
gccggctctg	ccttttaact
cataggggtg	ttgagattaa
acactaaatg	tcccagaaat
tgagcccagt	ggtatggtat
agccggcttc	ttccatggca
aaataacagg	tgaggctggg
gagacagtct	aa

<210> 148
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 148	
acccatcgat	tgaattccg
aatatccatg	ttgaaaacga
ttgctcgata	tcttaacaga
aagccaaaga	ctgactctta
ggcaaaaagt	cagttaatag
gaaacacaaa	gcaggacttt
gcaagaccat	gagtaaaaacc

<210> 149
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 149	
ggcacgagga	gccatgagag
attacagcac	cagaaccctc
aggatgccag	tttttagggc
attagaagat	ggttctgccc
agaaccaaga	tttctcagg
tcgagcttct	tgttttaagg
ggaggaattt	cggagttatg

<210> 150
 <211> 368

<212> DNA
 <213> Homo sapiens

<400> 150
 ccaggctggt cttgaactcc tgacctcagg ttatctgccc accttggcct cccaaagtgc 60
 tgggattaca ggtgtgagcc actgcaccca gcctccttta ctgttcttta atttttaaaa 120
 tgtactggag ttttctcttc catgtaaatt ttagaatcag ctttaagtgt attaaaaata 180
 cctcattggg attttgtttg ggattacatt ttaattgtag atttaaactt tcctatgtaa 240
 ccaacgtaat gtgggcccctg ttttgggtgt ttttatacct tgaagcgatt atagcttaat 300
 ctttccggcc cgtcactgtg gggtactctc tgtattggca attatatatt tttttcta 360
 gaaaaaag 368

<210> 151
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 151
 atactgaagg taatagggca ggctgggtcc atcagggctg agaggcctgc tgaagatcct 60
 tccacaagag ctgttccttg agtctgtgta gacagtggga aattaaagtg agagaggaga 120
 aggaataatg aaggaggctg ccatttaaaa atgtcttgcc tgaaaactag gccgggagcg 180
 gtggctcacg cctgtaatcc caacattttg ggaggccgag gcgggcggat cacttgaggt 240
 caggagtcca gaccagcctg gccaacatgg cgaaaccccg tctttactaa aaatacaaaa 300
 attagcagga cgtggcacac atctgtaatc ccagctactc aggaagctga ggcattgagag 360
 tccgttgaa 369

<210> 152
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 152
 agagaggtga ggacagagac agctttattc agcagggacc gcagaggccc cggaggggctt 60
 cgtccagggg gctgggggaga gaggaggagt cagagacagg agagacagac agagatggag 120
 agaaatgggg ggagagacag agacagaaat gggggtagag acagagacag agagaaatgg 180
 tgggagagag gcagagagaa gtgggggaca gtcagagata gaaatggggg agagacagag 240
 atagaagtgg gggagaggca gagacagaga gaagtatagg agagacagag atagaagtgg 300
 agacagagac agagaagtgg gggagagaga gatagaaatg ggggacagac agaagttttt 360
 atag 364

<210> 153
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 153
 attagtgtta tgaacgaag catcacactg ctgcacacat aggaggcatc ttgtcgttct 60
 tatgtatttg accaaagaag gttctcttct ctgttatagg ccattctatt tggccacggc 120
 aagatgtcta ttaattatat gagcaaggat aggaaaccct cccagcccac cgtggcagac 180
 aatttagccc tgcggatcaa tgggataaca gatgtctcag cctgaactct ttcacagcag 240
 agcatttttc cattcttgtt gtggacttca gtgtgagcac tgtgagagca ggaactgagt 300
 cttattcgtc tttgggtcac tagcacagag gctagcattt ggatggaggt cactgctctt 360

atn

363

<210> 154

<211> 343

<212> DNA

<213> Homo sapiens

<400> 154

tctactgaaa atacaaaaat ttgccaggtg tggtagtgca cgcattgtagt cctagctact	60
cgggaggctg aggcaagaga gtcacttgaa cccgggaggc agaggttgca gtgaactgag	120
attgtgccac tgcactccag cctggccagg tgacagagca tgacttcttc tcaaaaaaaaa	180
aaaagaaagg aactataaaa ttgggggggg ggggggagggt gaccccgagg ggggccactt	240
aggggggttta agaggtttcc tttgggggaa gggaacttaa tttaattttt gaggggaaaa	300
tgagaagccc aggggggtccg cccagaacgg gtaaaaattg ggt	343

<210> 155

<211> 147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 155

cctaattgac gtttatactt aaaattcaga gtacattaca aggacttctg gttgttgagc	60
ttttaagaat tatacagcag aatctttttc atctggnttt atgagttgct gcaataggat	120
aaagctattg taaattaatg ggaactn	147

<210> 156

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 156

gaccatacat cattttccat tctgggacag aggaagaaga cgggtggggg agttgatctg	60
gctagcccag agctggacag tgccattcta ttcttccctc ccacttgtct acacgggtgg	120
tattactact tgctctgctg cccaggctgg agtgcagtgg tgcgatctcg gctcactgca	180
acctctgctt cccagcttca agcaattctt ctgcctcagg ctcccaagta gcaggcatta	240
caggcgctg ccaccacgcc cagctaattt tctgtatttg tggtg	285

<210> 157

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 157
 tacggctgct agaagactac agaaaggttc tagagcacgc aacctagatc cctcacatgt 60
 gcagttcaca atagggttca cactcctatg acaacctaata gctgcegtg atctcacagg 120
 aggcggaact caggtgggta atgctcgctg gccaccgtt cgcacacctgt tgcacagtcc 180
 agttcctaac aggccacgga ccagctgagg acccctgctc tagagaatcg ccaaagtga 240
 ggggtggtcat gaaagtttca aacaggtggt aaaggcaaag cgatatacta gaatcatcac 300
 tgcattttta nagagcacta ttaggaagag ctctcatctt tctctcttga tcaaagtgcc 360
 tttgaaacaa agagacttgc atctagaag 389

<210> 158
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 158
 ggcacgaggt caccaggt gttttgtttt ggctgatct gcaacctctg cccccgggg 60
 tcaagcgatt ctctgcctc agcctccga gtagctgaga ttacaggtgc gcgccaccac 120
 acttggttaa tttttgtatt attagtagag acgggggtttc agcatgttgg ctaggccggt 180
 ctctcctgac ctgaggtga tcagcccacc tcggtctcac aaagtgtctg gattacaggc 240
 gtgagccacc ttgcccagcc cacatcatac agtttgaaat gaaactttgc cacaaccagc 300
 ctttgctgta gcacacacat atatcactga acctgtttga aataaaggat tttttgtttt 360
 tcatgactcg gctttgagta cctccacgcc g 391

<210> 159
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 159
 gtgctctgtg acccgagcta gaaggcagtg gcatgacctg actataggtc actgcagcct 60
 ctaactcccg ggctcaaaca aatctctcgc ctacagcctcc caagtagctg ggaatacagg 120
 tgtgagccac tgtgtccagc ccttaacttc tcttttttat cagagtgtaa ccaaagggtg 180
 cctgaacact gagccctcca ggggtctctc tcatttcttc ctgggctcgc ttgcatacca 240
 cggttgcaag cataccatgt ctgatgggag ggcccagagg tgaccatgct ggaagggaca 300
 ccagggtctt gcagggtctt agtgtcagag gtcactgact ttcttaagca cctggcatct 360
 g 361

<210> 160
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 160
 cgttgctgtc gggcacggga aaataaatag tctttcgcgt gtggcagggt aaccttgtgc 60
 tcaggaggt ccgggaacct ggacgatttc agtctgtcct gctcccctcc ccatgacaca 120
 tacagcggca ctctgtcgtc caccatagac cggcgggtcat atccgcacac agccacggcc 180
 ctcgaggtgc agtgcgaggc ctgaggtggc agagggcaca ccctggcag ctctatttat 240
 ttattgagac ggagtttcac tcttgctgcc caggctgtag tgtagtgggt cgatctcggc 300
 tactgcagc ctctgcctcc caggttcaag cgattcttcc gccttagcct cctgaatagc 360
 tgggactaca ggcattgcacc accacacccg gctg 394

<210> 161
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 161

ggcacgaggg	aattaccccc	cttgcctcttg	gggggctgct	agactgtctt	gccgcgggga	60
gggatgttga	ctgcagagt	aaacatcctt	gcaaactctt	cccacctcct	tcacgacact	120
gagttgccat	gtgaggttct	tcaagtctga	gagtgggaag	gatccctatg	gagactccta	180
ttaaaccctt	attagaggaa	gagattgaga	gacctagcaa	tgtgaagtaa	caaagatcag	240
gcagctgcaa	gtgactcctg	aatcttgagt	ccagggcttt	cgccactaca	gtacagtgg	300
tttcttttct	ttggtcgggg	agagtgggct	ggaatggaaa	gtgaggccca	caaattacct	360
gcagagacgt	ggaggcgtga	gggagaacat	g			391

<210> 162
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 162						
taagtgacca	tttcttcact	cctgggttttc	caattgtttt	gacactgaca	ttcaattagg	60
aggactaaat	acacagtgg	gatgatggg	gtgattatat	cattttatga	tcaacacctt	120
cttcactgtt	tgtttctccc	aatattactt	atgagacagg	aacttacttt	ttcttatggc	180
cctcaacacc	ccccagttgc	tcttagaacc	ctatctcttt	tctgatccca	ttacacaatt	240
ttgaggtttt	cgttcccccc	cttatacttt	gttttctctgc	gatttttgag	ggacctgggg	300
ttttttctac	ctctcctttt	tctcttaa	tttttctttc	taacttagac	ctcccttccc	360
tttttg						366

<210> 163
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 163						
cgttgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tgttggtcag	gctgggtttt	aaactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctgg	attacaggcg	tgagccaccg	cgcctggccg	gaaatcatgt	180
aatTTaaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgccc	300
acccagcgag	cctctgaagg	tgcaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	togttctcaa	tataattgca	caca			394

<210> 164
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 164						
cgtctgtcca	tctgtcgtcc	ctgccagcac	agggggatgg	tcttggtctt	aggggctgca	60
gaacacagca	aggcccagag	gccagaggct	gcaggcgggc	ctgagggtga	acttcccccc	120
gagaaagagt	ctctggaaga	gaatgaatgg	cccagcaggt	agtgagaact	ctgtcactag	180
ggatatataag	ccgggatgga	cacagggaag	gacatttctg	catcagtgg	gggtcccat	240
cagttaagag	agcctgtgac	tctgtcgagg	gaccatgggg	ggtggcacca	gagcccaggg	300
cacctgaggg	cctgtctgga	tgcagctgct	agtggtcata	ggacagcaaa	cactattcat	360
tggattct						368

<210> 165
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 165						
cgttgctgtc	gcgctcagga	ggcctgagct	tggctctttt	cctctctgct	tggattctgg	60

accaccacct	gggaccaacc	ttcagctctg	gaaccttcac	aaagcaggtc	agcgtggcct	120
gattgtccca	ggacctgaag	ggagcaagga	tggcctcagg	gcctggagaa	gtctgctact	180
ctgtccttac	tgctgaacat	cctgcttgta	tcaggaaact	cagaagcagt	ttgccttgtc	240
aaattcaatc	tcaatggcca	ttgtccacat	aactgatcac	ccatggctgc	ctctcctatt	300
atctattatc	actgaaactt	agtagcctgc	tttttttttt	taaagctatg	gcgaatcttc	360
cctgttgggg	atccttgaac	ctgggttgag	ttttccc			397

<210> 166

<211> 314

<212> DNA

<213> Homo sapiens

<400> 166

tccagtttaa	aggaacatgg	gccgggcgcg	gtggctcatg	cctgtaatct	cagcactttg	60
ggaggccgag	gagggaggac	cacctgactt	tagaagatga	agaacaacct	gtgcatcatg	120
ttgctgaacc	tgatctagaa	aatgggtggt	ccacagcctc	cggcttagaa	catgaaaaga	180
agtgtgcaga	cttaccctt	acggactcct	tatgagtttg	ttccccctt	tggagacttc	240
ccctcgctgc	cttttctgcg	tattatacc	cccaacatct	tgggtgggtc	ccctcgctga	300
ccttaaaaat	taaa					314

<210> 167

<211> 396

<212> DNA

<213> Homo sapiens

<400> 167

cggcggagct	gtgagccggc	gactcgggtc	cctgaggtct	ggattctttc	tccgctactg	60
agacacggcg	ggtaggtcca	caggcagatc	caactgggag	ttgaagtgtg	agtgagagtg	120
aagaggaaac	agcaggcttc	cggaggggtg	tgtggtcagt	gactcagagt	gagaaggccc	180
tcgaagtcgt	cgtccctctc	atgcggtgcc	acgcccattg	accttcttgt	ctcgtcacgg	240
ccataactag	ggaggaagga	gggccgagga	gtggaggggc	tcaggcgaag	ctgggggtgt	300
gttgggggta	tccgagtccc	agaagcacct	ggaaccccca	cagaagattc	tggactcccc	360
agacgggacc	aggagaggga	cggcatgagc	ggtatg			396

<210> 168

<211> 397

<212> DNA

<213> Homo sapiens

<400> 168

cgttgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tgttggtcag	gctggttttg	aactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctgg	attacaggcg	tgagccaccg	cgcttgcccg	gaaatcatgt	180
aattttaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgcccg	300
acccagcgag	cctctgaagg	tgaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	tcgttctcaa	tataattgca	cacagt			397

<210> 169

<211> 183

<212> DNA

<213> Homo sapiens

<400> 169

ctggtacggg	tcggataatc	ttcgtaatgg	tgccgggtgtg	cctcgcttat	taagttgatc	60
gcttggtgaa	ctatttcctt	gggagcgtgt	gcgaatcccc	tgcgtttttt	ttttgaatga	120
cgtccatttt	ttttcgtaga	tgaagtgtcg	ttcttctttt	tcgttggtgt	gtttctcatg	180

gcg

183

<210> 170

<211> 389

<212> DNA

<213> Homo sapiens

<400> 170

cggttgctgtc	ggcagacaca	cacatgcaga	caacacgcag	acacacacat	gcaggcactc	60
acatgcaggc	ccatgcacac	acacgtgcac	acacatgcag	agacatgcag	acacgcaggc	120
acacatgcac	acatgcaaag	acacgcatgc	aggcacacgc	agacgcacac	agagacacac	180
atgcagatac	acatgcacac	acacatacac	acactggccc	ctgtttttct	gtggtgtcac	240
tgggtgccag	caactcggtg	tctccacac	cccactaaaa	cctgggcctt	aatttctctc	300
ccgtccccac	ccctaaattc	ctgatggatg	aacctagagc	tgtcctgtcc	actccaggcc	360
ggactgacgt	agcctatggg	cccagcagg				389

<210> 171

<211> 396

<212> DNA

<213> Homo sapiens

<400> 171

cggttgctgtc	ggcagacaca	cacatgcaga	caacacgcag	acacacacat	gcaggcactc	60
acatgcaggc	ccatgcacac	acacgtgcac	acacatgcag	agacatgcag	acacgcaggc	120
acacatgcac	acatgcaaag	acacgcatgc	aggcacacgc	agacgcacac	agagacacac	180
atgctgatac	acatgcacac	acacatacac	acactggccc	ctgtttttct	gtggtgtcac	240
tgggtgccag	caactcggtg	tctccacac	cccactaaaa	cctgggcctt	aatttctctc	300
ccgtccccac	ccctaaattg	ctgatggatg	aacctagagc	tgtcctgtgc	actccaggcc	360
ggactgacgt	agcctatggg	cccagcagg	ccagg			396

<210> 172

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 172

aaaccccgctc	tctactaaaa	atacaaaaaa	ttagccgggc	gcggtggcgg	gcgcctgtag	60
tcccagatac	tcgaggaggt	gaggcaggag	aatggcgtga	acccgggaag	cggagcttgc	120
agtgagccga	gattgcgcca	ctgcagtcgg	cagtcgggcc	tgggcgacag	agcgagactc	180
cgtctcnnnn	nanaaaaaaaa	aaaaaaaaaa	aagggggggg	ggttttttcc	ggaaacccca	240
actggaaaaa	aaccttgggg	ggggtgggca	aacccccctt	taaagggggg	gaaaaaaagg	300
gttttttttg	gaaaatttgg	ggccccta				328

<210> 173

<211> 358

<212> DNA

<213> Homo sapiens

<400> 173

gcagggttgta	cagaaagcca	actaaggatg	atcaaaaact	ttcagatgat	cttgactgtt	60
cagttgaggt	ttgaaattaa	aaatctatat	gagcacctga	ctgtataatt	atgtaatttt	120
ttttccagta	atataaagag	ccaaggaaag	caggtgggta	ggtggatcca	agattgagaa	180

tttgttggtg	ggctgtgcct	gcaagtcaaa	gaactgtcct	tcaagccaag	agttctggag	240
gtcattcaat	gggaaggctg	aagggtcagat	gctttgttaa	gactgaagct	tggtcgggca	300
cagtggctca	cacttgtaat	cccagcactt	tgggaggctg	aggcaggtgg	atcacttg	358

<210> 174
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 174						
acaaggggaac	tgggcaatgc	cttgggtgaaa	ttcaaacact	agaattgatc	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaccacc	ggagaaagg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gctcacgcct	gtaatcccag	cactttggga	180
ggcgaaggga	gaatggcgtg	aaccaggag	gtggagctta	cagtgaagccg	agatcacccc	240
actgcactcc	agcctgggca	gcagagttag	actccatctt	aaaaaaaaa	aggaaaagaa	300

<210> 175
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 175						
tagtagagac	ggggtttcac	tatgttggcc	aggctgctct	ccaactcctg	acttcatgtg	60
atctgcctgc	cttggcctcc	caaagtgcag	ggattacagg	cgtgagccac	tgtgcctggt	120
cttctcattt	gcttttattt	gtacatcaat	tttagcatgt	attgctatta	gccttagatc	180
ataagtaatt	acaattatgt	gtgtctatat	cattgcatag	ttgcatttgc	ctgtttctct	240
tacagattgt	ggcacactag	gcatttttat	ttcccataaa	tcctagcaca	gagacttgta	300
cg						302

<210> 176
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 176						
ctctccttga	ctgtaaaggc	aatatcttag	agtactttgt	atctccagca	catagcaa	60
tgctttgcta	gagtaggttt	taacatatgt	ttttgggtaa	tggtggcgat	gatgcaataa	120
aggacagccg	ttattcaatt	tactctgtgg	cactaaggca	acttgaaaac	tctctgttgt	180
aacctgacat	agagctttgc	atatagtagg	aactcagcac	atgtttggta	gattttaagc	240
aattattttt	tttctgtttg	gattagtctg	ttctcacacc	gctgtgaaga	aatacccaag	300
actgggtaat	ttataaagaa	aagaa				325

<210> 177
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 177						
atatcaa	gatgtgccg	aaggcagggt	gcggcagagg	caagtcagat	cagcttctgc	60
cactactgat	tgtgtgactt	tgaacaaata	agcctgtttc	cttaatgtta	aagaagaaat	120
accaatagtg	tccagggtcat	ggtggcggca	tgataattaa	ataatatgtg	taaggctcca	180
ggcagtcctt	taccttactt	ttcctgacca	gtaggaaatg	ttcaataata	attaacggca	240
atTTTTctca	ctttgtcaca	atgattctta	tgaattatct	agatgagaag	gtagagctga	300
ggtcatcttt	cccagtgtga	cattcaaact	cttttcacaa	tacttagaga	cac	353

<210> 178
 <211> 329

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 178
 attgtgttct gaaaggaacc aagggtcccc agtaggctca attccaagta gctttccccc 60
 caccactctg tggtcttcta ttatttagga ctgtgctttt taagctcccg ttttcttagg 120
 ggccattatca caccagagtt tcaactgctgt ccagagttta cctctgcatg aatgtctcta 180
 ggctgattgc tctctgctga gtactaacga aggaaatcca acattcatgt tctactttgg 240
 gctttctgat gacacaggag cctggcttgt attcagtaca catatattga tggtatgtga 300
 cttgactagg ccataanaac gataaatan 329

<210> 179
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 179
 ccgggttact catcccatcc tatgtcttct gaagtacccc tgcaatccct aatgcctaata 60
 ctctgtttgt ctggctgcct acggaatgag gacaagctga aagtctggcc tctcagtttt 120
 gtctccact gcctgactac ttttctattc tcaaccagc ccaccttcac atacccccag 180
 ttgtgagtcg gtcaggagga tgtttctggt caatgagatg tacaaccggg gacagtatta 240
 gcggagccat ggaagaaatg gaatttcacg cgtgaatatt ttgacaaaca tggccatgat 300
 ttaagaactg gcgggatttt tctgggcccc caggtgatat tatttggccc gaa 353

<210> 180
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 180
 gaggaataa cttttctcta gcatcgtagg aggaagaaaa caaacacatc agatattttc 60
 agcactaaaa gagatggttt tccccacata tatgtaaaag aaatttgcaa gactactgga 120
 ttttgatctc atggttgtag tgggtgaata ggtggccttt tgtgatctcc ttcacacccc 180
 tggaagttag acttcttcgg tttcttctag agtcagtttg gtatcagaat ggcaaagcaa 240
 cttaaccttc cagaaaatac agatgattgg acaaaagagg atgtaaatca gtgggttagaa 300
 agtcataaga ttgacaaaaa acacagggaa attttgactg aacaagacgt gaatgg 356

<210> 181
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 181
 aattagttgg tgaggaacta attataaaga ctattccagg tgcttttaggg ttcagccaca 60
 acctatgata aggaatacct attataagtg ggtgcttgta atagatatta ccatattatc 120
 tatgcactca ctttaatact cattgttctg ggctccacct gatattatga tatgaatctt 180
 tttagctata ctctgatcca gaagatcaca tgattagcat caatttctaa ggacagtaat 240
 aaacttgata gttctgagca aatacatata ctacagaata gtcattcaac aaatatttat 300
 tgcctgccta ctatgtagtc tatatatacc tatatgtaac acacatgcaa ag 352

<210> 182
 <211> 384

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 182
cgttgctgtc ggggggagtgg atgctgctga attgtgatta attgggggag ccatataggt 60
acatttgga tgatctgggc ctatgcggtc ttacaatccc tgtataaaac tagacaatga 120
aaaacagaaa aaaaaacaaa caaacaaaaa aacaagaacg aagcacctac cacatgccag 180
ctactgaggc tatgaaggta ttctccggcc ttagaaaaggc caggattaat gcaggattgc 240
gatatttaaa cagaacattt ccatacagca tgagtataaa tgactttccc aagtttacac 300
tgagagtaac tgacacagca accccagcaa agtctgagct gagtccctgaa taattgtata 360
aaaaggggag agaaacagag tgan 384

<210> 183
<211> 328
<212> DNA
<213> Homo sapiens

<400> 183
gaagcctccc caggcccaaa gactgggtta gagcttctcc ctccctgggtgc aatgcttcat 60
taattacata accaagtcta ttatacacia agtghtaacct cccactagag tgggagttcc 120
tcaaggagact taagggtactc atcttcgtta gcctagcacg gtgctcagaa aacggtaaga 180
ataaaaatagg tattttactac tcaggacata gtacagagtt attgtatatt tattgaactg 240
aattgagctg tctagtttgc cctttaaaac cagggtgtttt agtatttgga aatatggaca 300
atgatacctt tgggtgttcc taaattca 328

<210> 184
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 184
gtatatgatg ttatgttatg ttatgttatg ttatgttatt gttacagaat tctaaatggg 60
gacatagaaa ttatttccct tgagtatagt acatattgct gctaaataat agaacttgcc 120
tgattgggat gggggggtggg gtttgngaag tanngataag nnanaattat gggacattgt 180
agaattttta ttgttttcaa ataatgcaa aataatgact agccctgtat tgttgagaca 240
cagtccttta ggaggtttgc tttaatgaac agataagaat cactgggtggg cgggcgcagc 300
ggcttacggt tgtaatccca gctctttggg aggccgagtg gggcagaaca ccttga 356

<210> 185
<211> 352
<212> DNA
<213> Homo sapiens

<400> 185
gatcgcgcca ctgcactcca gcctgggcga cagagtgaga ctctgtctca acaccaccac 60
caccaccaac aaattacttg tcgtttgaag ccaccagtt tggttgaggca gccctaggaa 120
acggaaaccc acaggtgtgt ttctaggag actgtgagtt tcacgagctc catcctccct 180

cccttatgcc	agatggccaa	gttttctgct	tggcgcattct	cctgagccta	gcactgaggt	240
gtccctcagg	aactgtgccc	atagactagt	ctacagattg	tgaagtagaa	acaggtcccc	300
catgccaggc	gcggtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	ga	352

<210> 186
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 186						
taatgaaaaa	agtgttttta	aattagcatt	ttcaatgggt	ttcagtctct	gttaagcact	60
gaccaagata	agatgaggtg	agggttcagc	aaattaactt	gtattgcagg	cataacacag	120
aaaatctagg	cctaaagaaa	attagacact	gagaaaagta	gcggaaactg	ggaaatactc	180
gtctttggaa	aacactcctg	gtggggtaga	atttctggaa	tacttttgga	tgtttccttt	240
ctggttccaa	ggactagatt	aagtggcctc	tgagtgcagca	ggttgggggc	agagcctaaa	300
cgggggctgg	gtctatgtta	tctgtgtaca	agcagagcag	tggggtgagg	agaata	356

<210> 187
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 187						
ctgggggttaa	gcggaaaatt	aaaaattcag	aacaaccata	gtctgttata	tgtcacctgt	60
aatttaggct	aatatctcaa	ttctcttggt	atggacattt	ctcttacagt	gtgtctttac	120
ataatgggta	ttggatgtaa	tgtgatcaat	taattagagc	atatgattta	cattagtcaa	180
acctgtattg	attacaaaat	gactatgata	tgaaagtanc	cttgctgtgt	tgtgtgtgtg	240
tgtgtgtgtg	cgtgtgtgtg	tgatataaga	ggagatcctg	ctttgtatgt	ggccaacttg	300
gggaggggga	tggaattttc	actatattac	tgcgacgtga	gcacacacct	acggt	355

<210> 188
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 188						
ttctcctgac	tcagcctccc	gagtagctgg	gactataggc	acccaccata	acgcctggct	60
aatttttttt	tttttgaatt	tttaagaaaa	aaggggggtt	caccgggtta	cccaggaggg	120
tctaaatccc	ctgacctcat	gatccaccct	ctttagcctc	ccaaactgcg	gggattacag	180
gggggagcca	ccgggcctgg	cccaccagga	gctatttcat	agggctctgg	gggcccgggg	240
gttttttgga	aaggggggtt	ctttgattta	cttgaaaaat	ctcacccttc	aaagcggggg	300
ttaaaaacca	ccccactgga	atttgaaaaa	attttttgaa	gggccttttc	gaaccctc	358

<210> 189
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 189						
acaagggaac	tgggcaatgc	cttggtgaaa	ttcaaact	agaattgata	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaaccacc	ggagaaaggg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gctcacgcct	gtaatcccag	cactttggga	180

ggcgaaagga	gaatggcgtg	aacccatgag	gtggagctta	cagggagccg	agatcacccc	240
actgcactcc	aacctgggca	gcagagtgag	actccatctc	acaaaaaaaa	agaaaagaaa	300
g						301

<210> 190
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 190						
cgttgctgtc	gctgaagggg	gcaaggatgg	cctcagggcc	tggtgaagtc	tgctactctg	60
tccttactgc	tgaacatcct	gcttgatatca	ggaaactcag	aagcagtttg	ccttggtcaaa	120
ttcaatctca	atggccattg	tccacataac	tgatcaccca	tggtgcctc	tcctattatc	180
tattatcact	gaaacttaat	agcctgcttt	tttttttttt	tttttaaaag	ctatggggat	240
tctcccctgt	ggggaaccct	tgacccggat	tggggtttcc	cctcctttgg	gaaaattata	300
atccaaaagc	cttttttttt	tgtttaaatt	acggaggggg	atcccctaaa	ggagtcgcct	360
ggccctcggg	gggaataaca	aaggaa				386

<210> 191
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (386)
 <223> n = A,T,C or G

<400> 191						
cgttgctgtc	gaaattgtat	ggagaatggt	atttaaaaag	tgtttggaga	ctttgcagct	60
gtcctataaa	atggtgaagt	gtgtatgtga	tctacgtaga	aagaatatta	aagagtaggt	120
ggagctcttt	ataggcgagt	acagccctaa	atatgcttgt	atagcatcca	ctgncagaag	180
taatagtgtg	gcctcagact	tgggggttgc	atgtgcgcct	gggggagtta	ctacccttgg	240
tatgcatgag	cgggtcctat	tagcatcagg	gggaaactcaa	tactgtgtac	gtatccacaa	300
aagggatctt	gacaccacaa	ggtattctta	atttctgata	ttaacaaccg	tacatactgc	360
tggaaacttaa	actaagaaca	tttagg				386

<210> 192
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (356)
 <223> n = A,T,C or G

<400> 192						
aaaggtaag	ctgtgctatc	actgttaccc	tagttttggg	cttattggat	gtgtccatag	60
tgaagccaac	tccaggcctg	acaccaggt	ttgactcgag	ggtcttcatg	atccctggtc	120
tgtgcactcc	tgccacagga	gagcggattt	ataacaaaag	ctggcagggg	gcagtgactc	180
acacctgtaa	tcccagcact	ttgggagggt	gaggcgggtg	atcacctgag	gtcaggaggt	240
tcagaccagc	ctgaccaaca	tggtgaaacc	ctgtctctac	taaaaataca	aaaattagct	300
gggcattgtt	gtgggtgcc	gtaatcccag	ctactcggga	gggaggctga	ggcaan	356

<210> 193
 <211> 357

<212> DNA

<213> Homo sapiens

<400> 193

tgtcacccaa	gctggagtgc	aatggtgcga	tctcagctca	ctgcaacgtc	tgcctcccag	60
gttcaagcga	ttctggggag	gggaggagga	gggaagcaag	gagagaggaa	cgcagggagc	120
agagcctgac	ctggtcacgg	gggtctggga	aagacagagg	cttttgtag	agccggcagc	180
tgagggccga	ggccgagcag	gggttaggcc	agcacaggac	gaaaaggaag	aaagtccag	240
gtggagtctg	gtggagaaag	accgacctgg	aaggcaccag	catgtgcacg	tggcaactga	300
ggtcgaggac	gtgcctgaga	aagaggagga	aggtgccctg	cggaccgggt	aggggtgc	357

<210> 194

<211> 357

<212> DNA

<213> Homo sapiens

<400> 194

ttgaacctgg	gaggtggagg	ttgcggtgag	ccaaaatcac	accactgcac	tccagcctgg	60
gtgacagagc	aagacttcgt	acaaaaaaaa	aaaacctaga	aggttaaaat	ttttgttatt	120
ttgacccaaa	gggaaaaaac	tagtttttag	ggtgggcgct	gcctgtgaaa	actgcttttc	180
ttaaaaggcc	aagtttttcca	cactgttgaa	ctttgacttg	ccaaacatgt	cagcaggtct	240
ttcagctttc	aggaaaaaag	gaaggggagt	tccttgGCCa	gttgcccttt	tgtctgttta	300
ccaaaggctc	gggtattaac	ccagtttttt	gcaggccaca	ggagacagcc	ggttgtg	357

<210> 195

<211> 357

<212> DNA

<213> Homo sapiens

<400> 195

aggtgccgct	gtgtgtctac	agagaggcca	agcctggaac	aggcgcctgt	gtgtgtacag	60
aggcagctgg	aaaccaagtt	acgtgaaagc	ctccaccagt	tacctggggg	ctcctggcca	120
gacgaggttt	ctgcagggag	gacagactga	agctcaaattg	ggcagtagtg	aaggcggctc	180
ccattgcggc	caggctcagg	ccaccgcca	gcaggaggga	aggtgctgga	agcttacgtg	240
cccgctggaca	ctggaggctt	atgcacctgg	acccagtgcc	catccaggtc	ttctctgtgg	300
gccaaagggtg	aaagaggctt	cttgaaggct	gagggagtcc	cagtgcggc	ctgagac	357

<210> 196

<211> 357

<212> DNA

<213> Homo sapiens

<400> 196

atactactct	tgaaattatc	ttctaataca	gttgatacat	taggctatct	gggaataata	60
tgaagatact	tgatttaatt	ccaaaaaaag	cacaattggg	tgactcacia	ttctgggtact	120
ttagttaaac	ggttttgttc	ttatcttgcc	ctgatgagat	accataattt	acacgaatat	180
tatctaaact	aaacttttta	atccagtata	ttagtgcgaa	ctattctttt	tttttttttt	240
gggatggggg	cttgcttttg	acctccagct	gggtgggcag	gggcgtatct	tggcctattg	300
tgcgccccc	cctccgggg	aaaagaaatt	ttccgcccct	aacccccgaa	gaaacgg	357

<210> 197

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(352)
 <223> n = A,T,C or G

<400> 197
 aaaatgaaat ctctcagaac ctgatggtat ttggatagca tatacccacc agaggaacag 60
 gcttttatct agcataccac aggtctcccc tttagcacat ctgtgctcat ttgaaactg 120
 tatagggaag gacattagat ggctgggaga actctgaagg acagacctgg atctcctgcc 180
 atcttccaaa ggtgaaacaa caaaaatccg ccaggctttc agtcagaagc ccggaagggc 240
 cactcccaag gaacagaggc aagagcagaa gtagatggag tcttactgaa actgaaaccc 300
 agctcaattc ctaatagggt gaagatatga ttacctcaat gcagtctgct tn 352

<210> 198
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 198
 gaggaagagg ctggggaccg cggcgaaggt ggtgagtgtt cttggggccc ttctcccaac 60
 gtccctgccg gactcgctc cgggctgatt ctccagtggg ttctctggac tccagagtag 120
 ctgtccggcc tggcccggga ggtgcaaagt aagaaaattg aagtcaaaga ccatgggaga 180
 tacagcaaaa ccttattttc tgaagcgcac taaagaccgg ggggctatgg atgatgatga 240
 cttcagaagg ggtcaccccc aacaagatta ttaataata gatgaccatg ctaaaggcca 300
 tggcagtaaa atggaaaagg gccttcaaaa aaagaagata acaccaggga act 353

<210> 199
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 199
 atagaagaaa ctaattaaga gatggaaatt cttgatttct tgttgaaata ttataccaat 60
 ttcttttttt tctttgatat atgcaaaacc aagcctcatc tcgagtatgg ctaattttaat 120
 caatagtggg tatttcttta tccaacatgt tcttaaaaat aatatacttg catgaccaca 180
 tgcacagaat atttgggata aaatttcaat tcaatacagt ctcagagtaa gtataacaga 240
 aaacctgttc cttgacctat aaggtattga atagggatta gtatctaaac tttttagttt 300
 tgaaagactc anacataagt tcgccaattc aacaaagata tatgattcca tac 353

<210> 200
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 200
 atcacttgaa acaagaaaac ggagggtcca gtgtgccaaa agaacaccgt tgcactccag 60
 cctgggcaac aagaacgaag ctccatcgct tagaaaaatc caaaaagaaa aaaaaccggg 120
 ggggggtttt tccccctc cggaggatg cgaagaacaa ggttggtttt tgtaaagcac 180
 aaaaaaacg cgggggaaaa aatggacctt ttttaaaaac cgtggaacgt ttttgtcttt 240
 ttcgaggcct tttttctggt gttaaaagat ggggaaaagc cgggggggtt ttttttattt 300
 tttcgggtccg gggggggggg ccagactat 329

<210> 201
 <211> 385

<212> DNA
<213> Homo sapiens

<400> 201
cgctgctgtc ggttattatg gataaaactat tattgttaat tccgggcaag ccacttgcct 60
ttctaggcct gcttctttgt tcattaagcg gggagcacgg ttcttgtgag gattacatgg 120
gagtgatgag tataaaggag actgcaaacc ctatccagag ccatacactt gggagtgtca 180
ccgtggtaat cagagtccgt tttcctaca ggagctccat ccacaactgc tctgcagggg 240
acaatgggtg ccttcattcc ccacaggggt cctaccctc tccatcgata cacactaaca 300
tatgggaaat gaaggccac cctgccgggc tttcatactc tagaatgcgt gaatttttgc 360
tcttggcagc ccattaaaag ggcta 385

<210> 202
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (355)
<223> n = A,T,C or G

<400> 202
ttggtcagcg atgctggtga gatgtaacct cagaaaagca agattaagtt atagctatcc 60
cacagggcac cttcatgcaa ttagaagaaa gtgtccctcc agaagatgca gccccctcca 120
agggccatgt cttggcaaat tcatacagccc ttgtataaat tagaaaaagt caacttcctc 180
ggatagatgc agccccagag gtatatggct ttgtgaagag ccagatttca gcaccaactg 240
gcctacagaa ctatatgcgg tggccctggg tgtttttttg ttaccagata catagcaact 300
tatcttgtgt actttgtcgg ctctctgtag tgaaacatgg gatttattcc taatn 355

<210> 203
<211> 353
<212> DNA
<213> Homo sapiens

<400> 203
acacggaggg gtcacctgcc ccagcgcccc acggtttcca gccttggcct gtccctcttc 60
acctggccca cgggtgatgc gtgctgtgct ggctttctg cagggtagag tgcggtcagg 120
ggactgctgg gggctgtcag agccccagcc ctttgcctca taccagggca gccgtttcca 180
gtcctgaggg tttttgcgac tgatcctggc tgggacttgc ttcttactag gagaagcaag 240
agatccaagt ccttcagtca gacgtgctc tcagacatca gaggggcagg aactgaatg 300
cacatgtggg ttctgagggc tcctttctct ttgaaatcct gcaacaatta acg 353

<210> 204
<211> 385
<212> DNA
<213> Homo sapiens

<400> 204
cgttgctgct ggtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg 60
actgtgcttt gcagtgaata acagaagcaa gaaaagcaaa gcaaagccaa aaagaagaag 120
aaaggtgtgg ttcttgagg gggattaaaa gccaccatga aagatgatct ggcagattat 180
gggtggttat atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240
tcttggtgct atctttatgt tgcccacaat cccttgaaca ttagtcacaa cttcctttcc 300
tttcagttct gccaaatgct acaatcagaa gtgcagtatc ttttgtgctg gttatttaac 360
cccttgacac ttaggtgcta atgtg 385

<210> 205
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 205
 cggttgctgtc ggtgtatttc attggaatt gatgacttga aaaaaattac caattcactg 60
 actgtgcttt gcagtgaata acagaagcac gaaaagcaaa gcaaagccaa aaagaagaag 120
 aaaggtgtgg ttcttgagg gggattaaaa gccaccatga aagatgatct ggcagattat 180
 ggtgggttatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240
 tcttggtggc atctttatgt tgcccacaat cccttgaaca ttagtcacaa ctccctttcc 300
 tttcagttct gccacatgct acaatcagaa gtgcagaatc ttttgctgtg gttatttaac 360
 cccttgacac ttaggtgcta atgtgca 387

<210> 206
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 206
 cggttgctgtc gctggatagt agttgttctt caggcaettg gaggccttgt aatagctgct 60
 gttattaagt atgcagataa tattttaaaa ggatttgcaa cctctttatc gataatatta 120
 tcaacattga tctcctatct ttggcttcaa gattttgtgc caaccagtgt ctttttcctt 180
 ggagccatcc ttgtaataac agctactttt ttgtatgggt atgatcccaa acctgcagga 240
 aatcccaacta aagcatagtt gtatactatc tttaactggt ttttcacgat ggggcactag 300
 gaatctcgac attaatcttg cacagaggac ttctacagag tctgagaaga tatcatcatg 360
 ctgaatctga tcatactgtt 380

<210> 207
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 207
 gatagtgaat atattctctt actcaagagc ttaaaaatta gctattttat aaaaattgtg 60
 tacatgtgga ttacaaaacc tgtttccttt gtaaacagca gagcggtctt gattttctta 120
 atgtctaagg tcattactct agaaatacac cctatggtgt ccttgaggaa accatggcta 180
 tggcttttgt aactgggtta caaaatcagc tcacgccgag tgcgatataa aagtcaacag 240
 gctctgagtg aggaataaga gctctactct aggtaaaatg cttgaatttt ctgttctgga 300
 tggctcanga gactttttga gggggatctc agtgacattt tgga 344

<210> 208
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 208
 tttgtgatct gtcattgtca tggattttca gagttggagg atggtctgag ttctgacctg 60
 gtgtaggaat cccttctccc aaaactctaa cagtacattc tcaggcttcg tgagctcagg 120
 cttagacac attattttct gatgctggac agcttcttta aaaaaatgta gtttcttaca 180
 ttaagctaaa atttatttta tgaaagtcca agaattctgg tccaaattgg gatgaggcct 240
 atggtgcagg acttccgtga aattttatga gattacaaat gcaaaacact tagaacagtt 300

tctggcctat tgccagaatt caataattga ataaaggcag gcagaaata

349

<210> 209

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 209

cctgggtctca	aagtctcagc	ctcaatcaat	cctccacact	cagccttctg	agtttctgga	60
attacaggca	tgagccacca	cgcccagcta	aatgactgct	tttgaaccat	acttttcttc	120
tgctttttcc	ttatcaactg	actttgttta	ataaatcctt	gtctttaagg	tcacagactt	180
tattgtaatt	tgtggggttag	catggagggtg	gggcaagagg	tcccgtttct	ccaccaggta	240
accaggccat	gctgagaata	cttccctcag	acatttcctt	aagcatgttt	tgggaagggt	300
atacttcac	actggaatta	tataagtga	attgaataaa	acccan		346

<210> 210

<211> 345

<212> DNA

<213> Homo sapiens

<400> 210

ctaattacgg	ctaattcacag	tagaaaataa	aacttgattc	cctttcctgc	atggcttgag	60
catgaaatag	gagaaggac	aagacaacct	ccgggtattg	tttctaattc	tttaaaaagt	120
tgtacttgca	gccaggcacg	gcggctcact	cctgtaatcc	tagcactttg	ggaggctgag	180
gcaggcggat	tgcctgagct	caggagtctg	agaccagcct	gcgcaacatg	gtgaaacgcc	240
gtctctacta	aaaacacaaa	aaattagcca	ggaatggcag	tgtgcacctg	tagtcccagc	300
tactcgggag	actgaagcag	gagaattgct	tgaaccacag	aggca		345

<210> 211

<211> 347

<212> DNA

<213> Homo sapiens

<400> 211

ggcgacagag	cgagactcca	acttaaaaaa	ataaataaag	aaaaacagga	tgcattccagc	60
ttgtctcaca	cactctaccc	tgggtttata	tttattatcc	acgaggaaac	atccaaaatc	120
aggggtcaga	gtcatgggtc	cccaccttgt	ccatgacgag	atgggccagt	ccacattcaca	180
ggcacaggta	ggagacccca	acacagtgtc	cactgttcac	attctaaagg	tgactgtcgg	240
ccaggcacgg	tggttcacgt	ctgtcatccc	agcaatttgg	gaggccgagg	cgagcagatc	300
atccaaggtc	aggagtccga	gaccagcctg	gccaaacagg	tgaacc		347

<210> 212

<211> 351

<212> DNA

<213> Homo sapiens

<400> 212

atgtgtacac	aatcttccag	catataccaa	tagctgaatt	tgtaagatat	tatatagtat	60
ttgcatgtgt	atagctcttt	cttcattctc	tgtgtacaac	tgaaatattt	ttttcatgtc	120
ctagtaaaac	cctaaattga	gaattacgga	ctcactaaat	gttagaccag	ctagtcattt	180
agaaaacagt	gcatgtgatt	tgtttaaggg	gcaggaagta	ttaggtgtca	acaattcaaa	240
tcactttgtg	tctttttttt	ttgaaacgga	tgctacttcc	ttaacccccc	ttggggggcc	300

agcaccacaaa tagcactttt tgtacgggga aataagtact tagcgaggca c

351

<210> 213

<211> 348

<212> DNA

<213> Homo sapiens

<400> 213

ttgtatattt tagatgcctc tttaaaaata aatttacatg atgagaccct gtctctaaaa	60
aataaaaaata aataaaataa aaataagcta ttttaaaagt tagttattta aattgaagaa	120
tgtggacaag atatactaac agtttctcta ggactgatca cccattattc catgaataat	180
agaaatttct gataaggatg ttgcttaatg gagattttcc tatgttatct ctgcggttct	240
agtgggtggc aaaggcagct atccgggtag ggcactgtaa aggtgtggcc ttagtcattt	300
acactaggac aataagagac cctccacaag tgtgtaactg gataaagg	348

<210> 214

<211> 129

<212> DNA

<213> Homo sapiens

<400> 214

cggggacggg ttcgggcata ccgcatttag ggagctttgc aaaaatagca taatatggga	60
attgtgagat gctactgcat aaattgtcgc ctatctaaat tgaacataac gtgccacact	120
cgactatac	129

<210> 215

<211> 373

<212> DNA

<213> Homo sapiens

<400> 215

tacggcctgt tatattacga cagaagggca cagctccacg gacttagagc agataaggta	60
attgctgtct caacagccca gcctcgtccc cagctcagag tctagtatgt tagaaactgg	120
actgcctcct cccccacat cctcccctag tagcttcagg agggggacag cttcactgct	180
gtcccatgc agatggtgca gtgcacataa aaggtgggct gcaggccaag cgtgggtggct	240
cacgtctgta atcccagcac tttggggaggc caaggcagga ggatcacttg aggtcaggag	300
ttcaagacca gcctggccag catggtgaaa tcccatctct actaaaaatg caaataaagg	360
ccgggcgcgg tgg	373

<210> 216

<211> 372

<212> DNA

<213> Homo sapiens

<400> 216

cgttgctgtc gaaaaaatct ttctaaacaa caaataccta acattattac tgattgtttt	60
cctaatttat cctcctaagt tgaatggtaa caaagctttt ccagctgaat gaatgcactt	120
agctgataaa ccagaatttg ttcttttttt tctttctttt ttttttgaaa caggttctca	180
ctctgtcacc gaggttggag ggcaggggaa tgataatagc tgactgcagc ctcaaccttc	240
tgggctcaaa ggatcctttc acctcagcct cctgagtagc tgggaccaca ggggggggcc	300
accacaccgg gctaatttta agggattttt tttccttttt ttttttacc atggtgcccc	360
gggtggactt gg	372

<210> 217

<211> 347

<212> DNA

<213> Homo sapiens

<400> 221
gttcaccatg ttggtcaggc tggctcttgaa ctcttgactt caggtgatcc acccgtcttg 60
gcctcccaaa gtgctgggat tacaggcgtg agcccaccgc gcctggcttc ggaattgcat 120
cttaatctct gtggcggctg ctattttgtt ttctaagttc atgagcacag gtggctgcct 180
ctatctttct cctccactta agcaggaaca attcaggagg cagactccac ccaatgctgc 240
aaatcgccc tattatcatt gacctgaca gaatttcagg agtgtcaggc cactccatac 300
tgcaaacagt acaggttgct tataatcgcc aggaggaaag aaaatatcca g 351

<210> 222
<211> 378
<212> DNA
<213> Homo sapiens

<400> 222
tacggctgct taagacgact taagggggaa tgacgcagcg gctcttagag gaacatatgg 60
aaaacaccca agccggagtc tctcacaagc ttgaatgtgt gttctggagc tgaaggatgc 120
acggttggtta agcccctggt cttttccgtt gtttaatcta atgttctttg gaataaaaac 180
ctccctgccca agtagtactt ggttttatgc tcaacatgct ttgactgttg aaaagagacc 240
tttggcacac attgaaggga tggatgatga gatgccaatc catggaatca ggtggcgag 300
ctatgttggt agctatagca gaagtcttct tggcaaagat tcctcccggt aaggaaggta 360
ccattggaga accatgct 378

<210> 223
<211> 347
<212> DNA
<213> Homo sapiens

<400> 223
tgcgtttttt tttacatgtg tgtattttgc ttattttatg catgtatttt aaaatagcaa 60
gttgactttg ttgcctctgg agttccacag aaccagggtta atgctggtggc atggaatact 120
aacaaggaga aacagcttcc tgtttaagaa caattcccat gttttttttt tataggagaa 180
aattgagagc tgtttggggg ctgccatact ttacatttac ttactctac atttaattgtt 240
ttggtctcca agtaaagaag agtttcatta gatgtagcaa aaacaaaaca tatttttatt 300
cttcagagct ttcaatgatg aaagaacgaa ctttgaagat gaaaagg 347

<210> 224
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 224
aggtacgggg gcgagagaga caacanaagg ggagcacact gaacaaatga tgtgagaatc 60
tcttcagttc caaccaagtg gcgggaacca gctaagagtt gggtagtctg gaggaaaatt 120
gatgggcagt tggtaaaata ggtgtgaatg agagaaagct ttgttgggga accatggtgg 180
gtatgtgggc acgttctaca ttactacaag tattgggaat ttcccagggg aacagcaaaa 240
tcttggttta tttatgttta attttaaaaa attcccactg ggtgcagtgg ctcacgcctg 300
taatcccagc actttgggag gctgaggcag gcagatcacg aggtcaggg 349

<210> 225
<211> 344
<212> DNA

<213> Homo sapiens

<400> 225

ggagatgctt	ttccttctgc	atgttaactc	acaactcatt	cctaatacatg	gaggctctaa	60
tccaactgac	taaaatgctt	ttctccccac	ggaactaacg	tagttacttg	agagaagaga	120
gtaaaccagc	ttctcctgcg	tggcacaggg	ctatTTTTtca	ttatagggaa	acggacttct	180
ataagggcat	ttaccacatc	ccaagggcta	atttctcatt	taaaaaatag	gggCGgtcgc	240
ggtggctctt	gctttttaatc	ctaatacatt	gtttttttta	tgccggaggc	tcaggaacta	300
aagtggaaca	aaaacaatcc	ccctttcaat	atagaaatct	ttag		344

<210> 226

<211> 346

<212> DNA

<213> Homo sapiens

<400> 226

tacaggctga	gagcagaggc	tgaagtaagg	ggagttctaa	tctttgggtc	agttgccctc	60
tccctgtgtc	atttcttatg	aaatagaagt	tatgctattc	ccaaaataca	tacagcacta	120
ggcaaagtgt	taagaagcct	agattttgcc	agaaaccatg	tggagtttgg	agcaagtcat	180
ttctactaac	tagggcttcc	tccttagctt	ataaaatgga	aggggtagac	cagatgaaca	240
tgaggtcttt	tttctcccc	ctctaagagt	aaattgtctc	aacaatttta	caaggtgttt	300
acaaaacaat	acacattcac	ataaagggtga	tgtattttata	tctata		346

<210> 227

<211> 317

<212> DNA

<213> Homo sapiens

<400> 227

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagttg	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tgttggggaa	ccatggtggg	tatgtgggca	cgttctacat	tactacaagt	180
attgggaatt	tcccagggga	acagcaaaat	cttgtcttat	ttatgttta	ttttaaaaaa	240
ttccactgg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttggggagg	ctgaggcagg	300
cagatcacga	ggtcagg					317

<210> 228

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 228

aagggtttct	ttttctccct	ttttttcttt	ctattgttat	tattttttta	ctgagggttt	60
tgtagctttt	taatcttggtg	gaactcagaa	actcccatta	atacggtttc	atagaaaata	120
gtcgtacaaa	tttgtctttg	catcttctct	gcagaagccc	ctttgccaga	tgaattcaca	180
gagtgttttc	ttttggaatc	cttaggctag	gcttacttat	ttgtgatatt	tgagtatgag	240
tttgntttcc	cactagtata	ttacaacttt	gagggccagg	agctgtttta	tgaatctttg	300
agggccccta	tctcataact	gcgcgggttc	tttattttga	tggcacattt	g	351

<210> 229

<211> 346

<212> DNA

<213> Homo sapiens

<400> 229

ttaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccagg	tgtgggtggtg	60
ggcgctgta	gtcccagcta	cttgggaggc	tgaggcagga	gaatggcgtg	aacctggggag	120
gcgagcctt	cagtgcgagc	agattgcgcc	actgcactcc	agcctgggtg	acagagcaag	180
agtccgtctc	aaaacaaaac	aaaacaaaaa	agaaaaaaga	aaccaccacc	aaccaaccaa	240
acaaaaccca	aaaaacccaa	agtaacggag	gtggccgagg	gagctgggga	tggggaggga	300
gtccaaacac	ctgggagcta	gaagtttctg	aaaactgtaa	gtcttt		346

<210> 230

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 230

tgtgtgtgtg	tgtgtgtgtg	tccaagggg	tgtgtgggtg	tgtgtgtgtc	ccaaggtgtg	60
tgtgtgtccc	aatggcagcc	tcagggtaaa	ctgagcaaa	aatgaatttt	gacattgctt	120
gggagagcag	aaaagggtct	atgatgagga	tgcaggtctc	agacattcca	gcataggaca	180
gatgagccaa	ccttaagtcc	cagacagagt	ggaggagagt	ctattcccgc	ccctaccctg	240
aggctgattg	tcccagttcc	agaagggact	cccaggaaaa	tccagcctgg	agaggctgag	300
cccggagcaa	ttaataacag	gacaaggcca	gcgagtgggt	ttgcttn		347

<210> 231

<211> 238

<212> DNA

<213> Homo sapiens

<400> 231

aacatcactg	gctcccattt	ctctgacata	ctaccaacat	ctgttcagtt	ctaccactta	60
cattacataa	aaaccacta	gttcccaggt	tttgaatgta	catatgcata	caggcacaca	120
tgctcgca	catatataca	catgcacaca	cacatataca	caatattata	caattgttta	180
gggatttaaa	aagcattccc	tggccaggca	tggtggctcg	gcctgtaatc	ccagcact	238

<210> 232

<211> 376

<212> DNA

<213> Homo sapiens

<400> 232

tactacgggt	gcgacatgac	aacagacagt	ggtattctct	tacggacgac	aggtgccctg	60
ccgcgccaac	aacgctgtat	cacctggagc	tgtgataccg	ccgatttatc	tgccgcccgc	120
atagcctgcc	gtccacgggg	tgtcagcgag	attggaatat	atTTTTtTgca	cctcgcgagc	180
ggcttggggag	agtgaagatt	atcagcttta	tctttccaaa	tggagacaag	tatgtttttc	240
tcctctgttt	agatggtgac	tgtacaagaa	catcttctgg	aatctacgag	agaaatggaa	300
taggtattca	taccactcct	aatgggattg	tctacacagg	aagcggaaag	atgacaagat	360
gaatggtttt	ggaaga					376

<210> 233

<211> 345

<212> DNA

<213> Homo sapiens

<400> 233
gagtcaccaa gtggccatgt tacatgtgat ctgtgacata tacgatcaga tgttacctgc 60
atcctagggg cgcctggcat gcccatgagt gacgcttagg accgtgcctg gtgctgggtg 120
gtggacaatg ctgggccagt ttgccagggt ctatgcctgc cacctctact tttatttcac 180
cctctggagg cggacgcatt ggaaagcatg tggggcagga ggtgaggaag gaaattcaga 240
caagctgagc agagcggcca ggactggaat cttgggtgcc aaccgcaag gtggggaaac 300
tgatttccat ttcccagtaa ttacagggtca ataccacacc tgaag 345

<210> 234
<211> 291
<212> DNA
<213> Homo sapiens

<400> 234
tacggctccg agacgaccac agaagggagc ctgggtgaca gcgagactct atctcaaaaa 60
aaaaacagat ttctctccta tgagagtttc tggcctttga tgctgcactt tctcttctg 120
aaacatcaag ggcttttaaa gagggatgga gctgactgcc tggttctgag gcatgaacga 180
cactggtagg tgagagcaag atggtacaga ggagttcaaa tttgggtcca ccatcctggg 240
ctccgctgca tagtgttagg cagtcactga gctggttcct tcccaccaca t 291

<210> 235
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 235
tttctcttgg cctaatatcc tggctagatt ttggcagttc cccactctag gggcaatgtc 60
ttttcagcct gcacctctga ctctagctg gatggatgac ttcaggatac acaatagaat 120
cattcctgtg acttatctgc ccacagtcac aaattcagtt gcaaaacttct cctgaaaggc 180
tgtttttgaa taatgacagt gactggactc accttgcctc tctgcatact attaattccc 240
ctgccagtca atctcccttt ttttggtcaa agtatagttg tatgtatata gatctctggc 300
ttagtcccat ctctttcttt cctccacca gntctgtcat taaatgtaga g 351

<210> 236
<211> 371
<212> DNA
<213> Homo sapiens

<400> 236
ctacgcttgc gatgagacaa cacaacggac tgtcacacac gcacacacac acacacacgc 60
acacagtcac ttaccctctg cttagagttc cccctctcct gcctgtacag atgtctgtgt 120
tatttgcccc catcaaatag gtgaattgag ttgttcatta agggagggga agagctcaga 180
tttttaagtg attatatttt tgttttggac acagacattt cctaggaagg aaagtgtttt 240
tggtaatgga ccacggaatc aaaacagatt actcactgtt tctgtccatt agcgcatacg 300
atggggagca cctcaaagaa gttagtcag agggataggg gctaaagcat tacattcatc 360
ctgaaaaatgc c 371

<210> 237
<211> 350
<212> DNA
<213> Homo sapiens

<400> 237
ggcggcggaat gtgggtgagtg ctcttggggcg ccttctccca acgtccctgc cagactcgcc 60
tccgggctga ttctccagtt ggtttcctgg actccagagt agctgtccgg cctggccccg 120
gaggtgcaaaa gtaagaaaat tgaagtcaaa gaccatggga gatacagcaa gaccttattt 180
cgtgaagcgc actaaagacc gggggactat ggatgatgac ttcagaaggg gtcacccccca 240
acaagattat ttaataatag atgaccatgc taaaggccat ggcagtaaaa tggaaaaggg 300
ccttcaaaaa aagaagataa caccagggaa ctatgggaat acccccagag 350

<210> 238
<211> 352
<212> DNA
<213> Homo sapiens

<400> 238
aggtactggc tctcagagag catctctgga tttgcccagg accccaagtc catggcactt 60
tctgccatga ggggaaggaca taaagacttc tgaatagctt ttgctaccag ctgatcatac 120
agccctaggg tcttcagcaa acacagctag tagccaaacg gtggttaciaa cgggcttttg 180
gcgagactca gtgctttact gacctcaggt ctgacccagc acagtccctag tgggtggtggt 240
cacaggggta attttgtcac cccacaccca gctccaggca ggttggcaca cacagagaga 300
gtttccattt agggggagaaa agtaaggaaa tagaacaaga gcctctgcct gg 352

<210> 239
<211> 372
<212> DNA
<213> Homo sapiens

<400> 239
ggctcagctg attctggggcg ctggatgggc ggccttggca ttaggtccag atttgggtcc 60
taagtactgt gcccaaccgg cccgagggga agggggagga gacaggaacc gcgcccattt 120
tccggatcag gttcttggaa ccagcccgga aatcctggga ctcaatctgg gggccagatc 180
tggagggcat ggtttttcta gagacgggct gatgcagccc cagtatgccg tcgcactcat 240
ttccacatt ccaggaacgg tccaggtctg cccttcctcg gtttgggaac tccgagacga 300
ctccctctct ccacaactgc aggggtgggc gcgctctgaa aacctggcaa agcgaagggg 360
gtccctcaga cg 372

<210> 240
<211> 363
<212> DNA
<213> Homo sapiens

<400> 240
cgtccgtatc atgatgtcaa gatatcgaga cccttctgtc taacacggcg aaccaccgtc 60
tctactaaaa atacaaaaag ctatccgtgc gtggtggggg acgcctgtgg tcccagctac 120
tccagaggct gctgcaggag aatcgcttgc accaaggatg cggttctttg tatgagccaa 180
gatcacacca ctgcactcca gcgtgcatga caatgtgaga ctctgtctca aaacaaacaa 240
acaaaaacaa acaaaaaaac gagacaaggg cattcccccg ggacaggcgg tgagagtggg 300
gagtatccag aacacagccc cttccttggc cccaggccct ggcgtcggga gtaactgact 360
tca 363

<210> 241
<211> 335
<212> DNA
<213> Homo sapiens

<400> 241
aaagatgggt ccttaccttt tgtaatgaaa tatagaaaat acttattgtg actttgcagt 60

agttaaacat	agaaataaaa	catattttgt	acatagatca	gtgggttgat	agactattta	120
tacatgatat	gaaatattga	tgacttataa	aagagaacgt	atcagtgcta	tatgtattga	180
gacatggagt	gagaagcttt	attaaattta	aaaatgtttg	aagaatagt	tgtagagtgt	240
acttataaaa	ccaaaacaaa	acaggagaca	aacagaaaaa	gcatacctat	gtgttcatat	300
atttgaaaat	tcttccatga	ctgtaaagaa	aactg			335

<210> 242
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 242						
actttacact	aagctatggc	aaccataagg	aggcaagggc	tgtgatgtga	gtgggtcttc	60
agctaagcta	gagctgccgg	gcacatagca	tgaggctgat	gctaccgtga	gactgtgtgg	120
aggccacac	agtccaagat	atgcacagga	gtctcataag	attaatttac	aaccaagaat	180
tacccaagct	tggatacaca	cccaaaagaa	ggcagagatc	caaacagatg	tttgtacatc	240
agtgttccta	acagcatttc	tcacaatagc	caaaaggcag	aaaccactga	agcgtcttat	300
cgatggatga	tggataaaga	aaatgtggta	tatacata			338

<210> 243
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 243						
gccccttcgg	attcttttcta	taagcaaatt	gcgcccttgga	cataggcttt	gaatgctttg	60
agagaacctc	tcttcataag	tggaaataaa	atcatgattt	aattgtatca	aacgcattat	120
ggataatcta	tgggatttaa	tgaatcaata	ggtgaggctg	agttggtaag	aagtgaacgt	180
tacttctgca	tttaaaaaaa	tacattttaac	tcaataggaa	gtaacagatg	agtaattgga	240
aaacatttta	aacttgatca	taaagaaata	aaaattggcc	atgtgcagtg	gctcatgtct	300
gtaatcccag	cactttggga	ggtaaggcgg	gcagatn			337

<210> 244
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 244						
tgcatatagt	ttttgtctta	atcagtggga	tgagtcttaa	ggtaatttat	tgagaacaga	60
gaagggagga	taggttgaca	aacaaacatt	ttcaagtgtt	gtattttgga	aactttatta	120
aatgcctact	caatatcagt	atgtgaattt	taccacacac	aatgaacctt	ttcaatagaa	180
attttcttaa	ttactcaacg	taatacacat	gcacatgcgc	acatgcacgc	acacacacac	240
acacgcacat	acacacaaac	ataaccacgc	ctccactact	taagatgaga	gtatagtcta	300
gttaaccagg	aggttatgag	agttcagata	aagtttgtct	t		341

<210> 245
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 245						
tacggctgct	agaagacaca	gaaggggtcca	aggaagtgcac	ataatcaatc	tgagctacat	60

tttctcgcta ttaatctggc agtgctatat ggaaaggaag aaatggggtg tgggagtata	120
gttagaatta tattattgtg gcttaaggct aaggaaacaa tttctgacac tggtaaggga	180
caaaaggtat ggaaagaggt tggaaaggac attattgcag aacaatcaac aagattaggc	240
attattggga actgggccac aaggtagagg aagaaagaat gataagtgc tctgaggctt	300
tgagcttggg tggctaaaaa tgtatagcac tggaacacag cttttactac gtgatcgctt	360
gtcgag	366

<210> 246
 <211> 122
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 246	
gggtccaatat ggcggcgccc agtggcggtg tgaactgtga ggagttcgcc gagttccagg	60
aattactcaa ggtgatgagg acaatcgatg acagaataat acatgaatta aacactacgg	120
gn	122

<210> 247
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 247	
tttctgtcctt attcactgtt cctcctcaga ttcctagaac tatgcttagc acaaagagc	60
tgctccataa ctatttggtg aatgaatgag tgaatgatta agtaaataag tgcgggtcctt	120
ctttcctctg ggggtcccatt tgctagcatt gccaggtgt tgtaactgc ttgagatttt	180
ccttggtgaca gcacacagtg tgaagggaag agaagaggac tgcagtcact gtgtccattt	240
agttcttggt aaagacttgg ggctgggcgt ggaggctcat gcctgtaatc ccagcacttt	300
gggaagccga ggcaggcggg tcaaaaggtc gggagtn	337

<210> 248
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 248	
ttctagtaac ttgtactttc cttaccaatg atctctttcc tgcgctaagg gttaacttaa	60
acttatctca aagttaattt ataaaaaaaaa gtttgccctga ttcaccttat taccaatatt	120
gttaccatta aaatcagtag taacctggta ctcaattact ctgattagtt ttcttatatc	180
tagagttcac aaaaaacgtg agtgactgcc tgtccttaac ttttcctac atatgcctct	240
tcattatggc ttctgagtga actgtagaat tgctatttta caagtgatgt gaaaacttgt	300
gcagtgtaac atatgtatgt cacacaattt tacaacatan	340

<210> 249
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 249
 aacacaccca caccaaagca catcaagaaa ttcaaggatg cctgagaaga aaataagata 60
 ttacaagctt ctagaaataa aagaatgttc ccatacaaaa gatggagggt tgaaatcact 120
 ttagactttt aaatagtaac aatggaaata agatacttga gcaatgcctt ccaaaattct 180
 gaaggaatat tatttttaaaa ttagaatttt atagccagcc aaactatcat cagctgtaac 240
 agtaaaatga aaataacttta aggctgggtg ccgtgggtca cacctgtaat cccagcactt 300
 tgggaggcca aggcagacag atcactagag ctcaagaan 339

<210> 250
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 250
 aaacctcgtc tctactaaag atacaaaaaa actagctggg cgtgggtggca tgcgcctgta 60
 atcccagcta tttgggaggc tgaggcacag aatttcttaa acctgggagg cggaggcttc 120
 agtgagccaa gattgcgcca ctgcgctcca tcttggggga cagagcacga ctccatctta 180
 aatcaaagca agaccaaaga tggcatagaa tcttctctgg aaccttgccg agagggaaga 240
 gtaacattaa cttcacacgg gccactctgt tcaccatctt tgcttcaaaa agagcctacc 300
 ctggaaggcc cggccccgga aaccggattt tgggggtc 337

<210> 251
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 251
 aggctgggtc ggaactcatg gcctcaagcg atctgccccg ctctgcctcc caaagtgctg 60
 ggattacaag tgtgagccac cgtgtccacc ggggaaggct tttggtcaga acaatggctg 120
 gcaaaaccac aggcacgga aggccagagc tagggatata atataaatgt ccctacagtg 180
 taacagatga tgctacataa agaaaatccc gtaatacaca cgatttctga atgtcctgct 240
 gaacattcgg tgagtgaata ctaattatct gagagttgaa cctatctttg ttaataaaca 300
 caaagcggcc gggcgagtg gctcacgcct gtaatcccag c 341

<210> 252
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 252
 gtatttatta agtatttacc ctgaaataag tactgcacga agcatattca ttcagtattg 60
 tccagttgct cttagcatga agtcactggg gtcaccttga tggcagtgat gagacaaatt 120
 acttgtttca cctctttaaa catcagatag attgctgggg acaaagagac agcatggctt 180
 ccaaccatta cacaagtccc cttctgcag ccaggatcat gtctaggatg atgcagttat 240
 ggaagacagc atgctgagtt tctattaatt tgatgaatca ccaaattgag accagtggtg 300
 gtgggtgtcca gggacaaagt gaattgcttc agcag 335

<210> 253
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 253
 cccaaagtgc tgggattaca ggtgtgagcc accgcgccca gcctctgaat tacttttctg 60
 cttactcaaa gattagcctg tattgcggtg ctcacttaaa tccagttgca acattacaaa 120
 ccagccttat atatttgac atgtttactg tttaatgtac cgtaaaaata ggaaatttgg 180
 gttgggtgca gtggctcacg cctgtaaccc cagcactttg ggaggcttag gcaggcggat 240
 cacctgaggt caggagtctg agaccagcct ggccaacatg gtgaaatacc ctctccacta 300
 aaaatacaaa aattagccgg tctactggggg gcac 334

<210> 254
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 254
 ataggtaaatt attaatagca ccaagctttt gtttaagcca aaaacctgag aatcacccctt 60
 acttctgctg gaaacctcac attctacatc tagccactga aaaagctgct ttgcattatt 120
 ttcaaaatac attccctagg gccgggagcgt gtggctcaag cctgtaatcc tagcactttg 180

<210> 255
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 255
 acctcgatag aggtgagaaa ataaggcggg accctctaatt attcattgga catctgtgca 60
 cagtactgtg gtagccccctt tcacatagtt tacattcctg gaatcttcaa aagaatttat 120
 agaattgctc ttacgccttt ttttattgat ggaataaaac agataagaat accaaagaag 180
 aggctgggtg cggtgggtca cgtctgtaat ccagcactt tgggaggccg aggtgggcag 240
 atcatgaggt caggagagcg agaccatcct ggctaacaca gtgaaacccc gtatctacta 300
 aaaataccaa aaaattagcc aggcattgat gcgccac 337

<210> 256
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 256
 agtacaccaa aagagagaag gaggaatgaa acttaatat cactgttaa aaccattaac 60
 tacaaacctt cttttttttt ttttagaagg gggggtcggc tttaatccca aagggggggg 120
 ggagggggca ttaatggggg ggcggaaaac ccaatttgcc gggtgaaacc ctttctatcg 180
 ggctaaaaat tccaaaatgt tggaaaaagg ggggcccccc actccaccgg gataatat 240
 tggatataaa agaaaaacgg ggtctacggg gggaaccag gggggtgagg attctgggac 300
 ctatgggaac caccccccta tatcccaaaa agggggggta ag 342

<210> 257
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 257
 tgatccagta ccactagtag tgacaataga acccaccat tgttctaagt gacaacacac 60

tgatgcaggt	actattat	tctcaa	aa	ttgga	atata	gtcta	at	ttg	ccgac	agctg	120
caaagcagca	gagccaggat	tcaa	acccag	gcagt	ctggc	cccag	agtgc	ctgctt	caaa		180
tcactacatc	tcttctctc	ttata	cttat	tcat	cagtag	atgc	ctagat	gtggg	gcttt		240
acacttcagc	agatactaag	agggcc	atgt	acca	agcgcc	aagt	actgag	gaata	caaac		300
ataaatactg	cttgagggcc	aggcgc	gggtg	gctcat							336

<210> 258

<211> 344

<212> DNA

<213> Homo sapiens

<400> 258

cggggatg	cg	gaagta	cgca	ccacag	ccat	catgca	aggc	tattgat	gct	ctattag	aga	60
ggaatgtg	ca	gactgt	gaca	cacttt	tttgc	cattat	gacc	tgctgc	ctgc	aatgtgt	cca	120
cgacgc	ctgc	atacact	ttta	tcgttc	agat	gcacag	cgag	cagggg	gaga	gatctgg	gtc	180
tttgacc	act	atcttg	agca	gctgtg	ccag	ccccag	gctg	catcc	acttc	ttgg	tattg	240
gaaggaca	aaa	gccctat	ttta	cagaca	agtc	tctatt	ccat	gcagct	taat	gcaat	cctga	300
ctcataa	agt	acctcca	aac	caccgc	tccc	cagttg	ttcc	atgg				344

<210> 259

<211> 260

<212> DNA

<213> Homo sapiens

<400> 259

ggacttcc	ct	gtgg	ctct	gctcaga	aact	ggcggt	ttttt	cccag	ctcct	tgccc	agacc	60
aatactt	cca	tgctgt	cttc	aagcc	ctgct	tctgc	acat	ctccc	agccc	agatg	gggag	120
aacccat	gta	agaagg	tcca	ctggg	cttct	gggag	gagaa	ggacat	catc	cacag	actca	180
gagtcca	agt	cccac	ccgga	ctcct	ccaag	atacc	caggt	cccgg	agacc	cagcc	gctg	240
acagtga	agt	atgacc	gggg									260

<210> 260

<211> 333

<212> DNA

<213> Homo sapiens

<400> 260

actactact	tt	catg	caat	acttc	acata	caactt	gagg	gttac	agaat	ccagat	taag	60
cctctgt	tct	ggaag	gatta	tcacag	aaac	ccacatt	tac	ttattt	caga	ggggg	tcac	120
tgcttccc	ct	gccctt	tc	taata	aaaa	cttca	aaaaa	acaga	atatt	gtcag	gccg	180
acgcggt	ggc	tcatg	cctgt	aatccc	agca	ctttg	ggagg	ccgag	gcagg	cacat	cacct	240
gaggtcat	ta	ctgact	ttcta	gaccag	cctg	gccaat	atgg	agaa	accctg	actct	actaa	300
aaataca	aaaa	attag	ctggg	cgcggt	ggca	tgg						333

<210> 261

<211> 339

<212> DNA

<213> Homo sapiens

<400> 261

agaatgt	ctg	ggtcact	ccc	agggtg	taaa	attag	cacag	cccag	catcc	tcact	taggt	60
gagggac	agg	gacgtc	gagt	cacctg	gtaa	gactcc	ctgc	aaaag	aacaa	aagtg	ggccac	120
ctgcttag	ggg	ctggtg	aaga	agctgt	taaa	gtggat	gagg	tgctgt	tatat	agaatt	tataa	180
attgtgt	cat	cccaag	gaga	acactt	aaac	aaaaa	gaatt	ttcagt	ccac	tgtaaaa	aata	240
tgaggagg	ca	agttaa	attg	gataact	ctg	gaatgg	gtag	aaagat	gtca	taata	acgca	300
cacatgc	aca	cggata	ctcc	caccact	gag	tgttacc	ccc					339

(The following are the names of the persons who have been appointed to the various committees of the House of Representatives.)

<400> 266
 tacggctgct acaagacaac agaagggact acacggctctg tgccggaaca agagtcttgc 60
 tcttgactgg ttaacctgcc ttgaatcagg gcattcaggg agacctcaga caggctctgca 120
 ttgacctatc tccacgcaca aggggcagca ttagttagcc cactgtcctc agggcttcca 180
 gcaatgagac agctctgtca agagaggcac tgaagagtaa aagtgggtgc ttgttcaacg 240
 gctttcaatg ggattgctgc tgaacatgag actcactgaa atgccgatgt taatatgttt 300
 gataactcca aatccatcag gcttgctaag gaataagaga tgtccaaggt ttgcgggtgga 360
 gaatt 365

<210> 267

<211> 342

<212> DNA

<213> Homo sapiens

<400> 267
 tgtgtgtgtg tgtgtgtgtg tcccaagggg tgtgtgggtg tgtgtgtgtc ccaaggtgtg 60
 tgtgtgtccc aatggcagcc tcagggaaaa ctgagcaaag aatgaatttt gacattgctt 120
 gggagagcag aaaagggttct atgaggagga tgcagggtctc agacattcca gcataagaca 180
 gatgagccaa ccttaagtcc cagacagagt ggaggagatt ctattcccgc ccctaccctg 240
 aggctgattg tcccagttcc agaagggact cccaggaaaa tccagcctgg agaggctgcg 300
 cccggagcaa ttaagaacag gacaaggcca gcaagtgggt tt 342

<210> 268

<211> 338

<212> DNA

<213> Homo sapiens

<400> 268
 gagggaggat cacttgagcc caggtattcg agaccagtca gaacaatatg gtgagatccc 60
 cttctctagt tctttctttc ttattttttt ggcgagaggg ggactgagtc tcgctctgtc 120
 gccacactg acctttatct atactacaaa aacttcacac agcacgttcc tgagcctgcc 180
 ccacttcgtg gcttacctta acggaattat accaaaccat acctttggac accggcagct 240
 ctaactcaaa actggcagtc accggttcac cccttttgag gaatgcatcc cacttcaca 300
 ggacctttac cgcgttccat cccctgcct tcgttttg 338

<210> 269

<211> 339

<212> DNA

<213> Homo sapiens

<400> 269
 ttgggagtca acagagtgat ggagcctgtc ctgtccttgc acttgatctc cacattcata 60
 gtgtagccct cggccttgac atttaattgc acaggggtgga ctttcttttc cacattgcag 120
 atcaaattaa agttcgcata tccttgctgc tttggagtga agaaaatatc aattgggaac 180
 ctggttgggg aacaaaacag cagattacct gactaggcca acttgtcaaa accttaaaaa 240
 atatgagcct actgaattag cagattcatt acgaggaaaa ggaaactcca aattatgatg 300
 acattttaag atttgtggct atagtaacca aaacagcgt 339

<210> 270

<211> 331

<212> DNA

<213> Homo sapiens

<400> 270
 atggccctac ccactgctgc tttgggtccag gagcattgat gcttctcggc tctcctctct 60
 cccctaggcc tgcaggacaa gctgaacaag agggactaag aggtgacagc cttgacctcc 120

cagaccgaga tgctcatggc ccaagtaagg ggtaaggctc cctcccgtag ggcagatgcg	180
gggggctttc actggggccg tgccattcag ctgccaatta agcatggagt gggtcagggc	240
ctggcttagg gtcccctccc cgactctgct ttgagaagaa aagggtctggc tggtcgcggt	300
ggctcgcgcc tgtaatccca gcactttggg a	331

<210> 271
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 271	
cttctgttgt agccctaggc aatctcgagc cacagagacg tccccgctga cgagaaggaa	60
gtcctacgac cgagggcagc ccattagggt agatcatgtt ctagaatctg ctccagagtc	120
accaccagtc tagttcttgg ttacatgagt ggctatgatg ttctgctctg ttgatcatct	180
tgtacacagt gtaacctggg ccagcttgac tgagccattc aggttcaccc agtgg	235

<210> 272
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 272	
gctgtcgacg tggtcttccg gtggcggagc ggcggattag ccttcgcggg gcaaaatgga	60
gctcgaggcc atgagcagat ataccagccc agtgaaccca gctgtcttcc cccatctgaa	120
cgtggtgctt ttggccattg gcatgttctt c	151

<210> 273
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 273	
gctcataaaa ctgctgatag gaaagagtta taggtctcac tgttcaagag gcttgggttt	60
taaagtcata ttagcctcaa gagataaggt cttgggggtcc ttaagagtc agtggttaga	120
aatgagatgt ctgcagttag acctcttaac atcatcacgg atatatttgt gtttaatccc	180
agcactttgg gaggccgagg cgggtggatc acctgaggtc aggagttcaa gaccagcctg	240
gccaacgtgg tgaaacccca tctctactaa aaatacaaaa ttagctgttt gtggtggcgt	300
gcacctgtaa tcccagcaac ttggg	325

<210> 274
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 274	
gaaagtctac ggagcatttt ctggggaata taattttaaa ataagattaa atatcacata	60
aaataaatac aaaactagat agtaaaattc tgaaaaaaa aaagaataag cctgaccaga	120
tactacactg aattgcaaaa tcattgatat ggttggaac aggggcaaaa aaagcagaca	180
tgtcaattga gtaaaataga gcatactgaa ctagggtaaa ctacatgag aatttaataa	240
ataataaagg gggcttttaa atgaggggga taaagaagaa ttatttaata aaggggggtt	300
gggtcaatgg gctagccatg gg	322

<210> 275
 <211> 135
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 275
 aaactctggt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt 60
 cctatcacat cactagcact tagtacagaa ttgggggcct aaaaatattt ggcaatgatg 120
 acctgtgttg ctttn 135

<210> 276
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 276
 gacaaaaata caagttcaat gaatgacgca gcagctctga gaggaacata aggaaaacac 60
 ccaagccgga gtctctcaca agcttgaatg tgtgttctgg agctgaagga tgcacgggtg 120
 ttaagccctt gttcttttcc gttgtttaat ctaatgttct ttggaataaa aacctccctg 180
 ccaagtagta cttgggttta tgctcaacat gctttgactg ttgaaaagag acctttggca 240
 cacattgaag ggatggatgat ggagatgcc aatccatggaa tcaggtggca cagctatgtt 300
 ggtagctata gcagaagtct tcttggg 327

<210> 277
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 277
 tattaataat gctaaacact taccagcttt gtaactttag ctatctatca ccattgagtt 60
 gtttcctaatt ctataaaatg gtggtaatcc ctacatacagac tgtggaactg atgaaataat 120
 atggcatatg taaacatttg gttcaagacc tgctacattg gatgaggaat gtcaacagta 180
 aagtaaaatt ttgatctttg agtgtgtagt gagcttgta ttgactttc tgtggattct 240
 atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagtg 300
 ctacacacta taaccccagc actttggg 328

<210> 278
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 278
 atttgtaact cacagggcag aataacagct ctagagctca atttatctgg aggagattca 60
 gcacacctgc ttctcttttt ccactggcat ggctcttggg gcaaatttgt atttatgtaa 120
 tagttagaaa ttaaacatca gcaccaacgg aaaaatattc aacgcctttt attaaacatc 180
 aaacaacttt gtcaatggga aaagctgccc caactggttt agatcttacc tttcaacatt 240
 gttgtcaaag tacctttcca ctctctggtg atgtctttga gagggtttgc ttattggacc 300
 tacaactatc ttcccggatg gagttgcct 329

<210> 279
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 279
 cggggcgtga acccgaggagg tggagcttgc agtgagccga gatcgcgcca ctgcactcca 60
 gcctgagtga cagagcgaaa ctctgtccca aaaaaaaaaa aaaaaaaaaa aaaaaagg 120

ggggggtttt	ttcgtaaacc	ccaacgtgaa	aaaaaccttt	gggggggttg	gcacaccccc	180
ccttaaaggg	gggggaaaaa	aaggcttttt	ttggaaaatt	gggggggctt	ttgttttttt	240
ttgaaccctt	taaggcggca	aaaaacaggt	taaccaccac	ctttggtttt	tttttagggt	300
gga						303

<210> 280
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 280						
gagccaccac	tcttgcccca	aagtcaatac	attttaaaaa	aaaacctctc	cagtggctaa	60
gcccagcatt	gttatatgat	taataaataa	aatattgaca	tcgagggttg	acaaacctag	120
tacttttttc	tgaaatcttc	agtgtgtgtc	gtgagtatat	ttgcactgtt	atgtaccagc	180
aactgtgcac	ataacaactg	gtatgatcaa	taagacatag	tcctcgccag	ggccagggtgc	240
agtaactcat	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcaga	tcacttgaag	300
tcaggagttc	gagaccggcc	ttgccaag				328

<210> 281
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 281						
gtagaagcta	tatgttggtta	ttgtattgct	atztatctac	ttaaataact	cttactgtag	60
tatgtattgc	tcaaggacag	agattgtggt	gtcatctttt	gtgttatccc	acttagcata	120
gtttctaagc	aaatagtata	gttctttcat	atatgtttat	caagtaaagt	aatttgactc	180
tacctcctaa	tgaactattc	agaaattcat	gtttacgatt	ttagcaatga	gaacaccaag	240
acttagcaat	agagtatcaa	agataataca	actagggagt	agatctaaaa	taagaaa	297

<210> 282
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 282						
atccacgtga	tactaagtgt	aaacccttac	gcttgtaact	cttactcaac	cattaacgac	60
cgcaacaaag	caaattaaaa	gaacattacg	attccagcaa	cattcagggtg	aacatgaatg	120
tgctcttcac	tgttttactg	atatggaatt	gtacaacgt	gaaggctctg	actgttagtg	180
gcccacccac	ttttgagttt	aagcaaacta	gattcacttg	ctgtgggatg	acctgatgct	240
cttctgccac	ttttcaaata	actacaaagg	ctttgtt			277

<210> 283
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 283						
ggaaaggagg	tagaaggatg	agaccctaac	acctggtttc	tccttcact	tcaggcattt	60
gtcagattct	tggactgcat	tgagtagggg	aataagaagt	tgggcagaaa	ttccctaaca	120
tatgtccttg	tttctcaggg	ctaaagagga	aaacactgaa	tttcaaggcc	caaccaagtc	180
aaggggcccc	ttagtaaata	cactacactt	tgggctgggt	gacctcaagg	ttcacaccta	240
aggtaacatc	aaggcgatcc	agaagtagat	cttaaagtga	gctcaatctt	ggctgggc	298

<210> 284
 <211> 326
 <212> DNA

<213> Homo sapiens

<400> 284

agagacaggg	tttcaccatg	ttggccagga	tgggtctcaat	ctcttgacct	tgtgatccac	60
cctcctcagc	ctcccaaagt	gctgggatta	caggcatgag	tcaccatgcc	tggccacag	120
tgacccttta	aaggaaaatg	ggagggacct	acctcgagg	ttgtgcagaa	aatgttggt	180
tcccagcac	tagggtttgg	ttccctccta	ggctctccca	cagctgtgct	ttgacacata	240
agcagcttct	attaaagtgc	ctctttaatt	tgtctgtcat	tgccaccaga	ccacaagata	300
ctttggggca	gggctgtatt	tcattg				326

<210> 285

<211> 328

<212> DNA

<213> Homo sapiens

<400> 285

gtatttatta	agtatttacc	ctgaaataag	tactgcacga	agcatattca	ttcagtattg	60
tccagttgct	cttagcatga	agtcactggt	gtcaccttga	tggcagtgat	gagacaaatt	120
acttgtttca	cctctttaa	catcagatag	attgctgggg	acaaagagac	agcatggctt	180
ccaaccatta	cacaagtccc	ccttctgcag	ccaggatcat	gtctaggatg	atgcagttat	240
ggaagacagc	atgctgagtt	tctattaatt	tgatgaatca	ccaaattgag	accagtgggtg	300
gtgggtgtcca	aggacaaagt	gaattgtg				328

<210> 286

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 286

ggcagcatga	atcataattg	tcaggaaaaa	cttcatagat	tccgctatag	tatctccggt	60
attgtatcag	gacaatctat	aagacatttg	gagctacacc	agttgaaagg	tattggctca	120
gtcagccccc	ttattcagtt	ttgtaaatta	gggggccact	tgaagaaaat	tctatggttt	180
atgctaatac	acatgtagct	gaaaatataa	ttacatttaa	aatctgttga	atttaaattt	240
actacagttt	tttttaaaga	tcagctatc	cttcagtcag	tcttgcagca	attttccaac	300
tcaatgtaga	actaccaatg	aaaagtgn				328

<210> 287

<211> 331

<212> DNA

<213> Homo sapiens

<400> 287

tgagcttttc	attacattgt	tgaaagatga	agaacgaaag	ctacttggtg	atcagatgag	60
gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggtttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttgcccctc	tattcaaatt	180
aaccttgaaa	tatatattgag	gattctctct	tgttttaatt	aacacttggtg	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcagttatgc	tctggagctc	300
tgccaagcca	atgattagta	cagattcagt	c			331

<210> 288

<211> 329

<212> DNA

<213> Homo sapiens

<400> 288

agttttcata	ttccttagtg	ttatcacact	ggtgcactta	ctgttttacc	attttccctt	60
cggatttcat	ttttctgtta	gcatttacta	ctatctaaca	tatattttac	tcatttgtct	120
gtgttcccca	tcaagaatata	acttcatgag	gggagggatt	ttctattaca	cttagtgaaa	180
agtaaattccc	tcaagtagga	acactacaag	tatgcacagt	ttttttttta	cagtaagttt	240
gcttaattggc	tagtaaaacta	tctcagccag	tacctgagtg	actattctga	cttgatatcat	300
ttaacaagaa	aaaaggcctg	gcgcgctgg				329

<210> 289

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 289

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttgggaggg	tgaggcgggt	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtga	tggcatgccc	300
n						301

<210> 290

<211> 328

<212> DNA

<213> Homo sapiens

<400> 290

gaggaagagg	ctgggggaccg	cggcgaaggt	ggtgagtgtc	cttgggcgcc	ttctcccaac	60
gtccctgcca	gactcgctc	cgggctgatt	ctccagttgg	tttcttgga	tccagagtag	120
ctgtccggcc	tggccccgga	ggtgcaaagt	aagaaaattg	aagtcaaaga	ccatgggaga	180
tacagcaaaa	ccttattttc	tgaagcgcac	taaagaccgg	gggactatgg	atgatgatga	240
cttcagaagg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaa				328

<210> 291

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 291

ggacgttgct	gacggctagt	gaggcttttag	cccgtttcga	gcgcccgggg	gcggtaaggc	60
gcgatcatag	cagctctagg	tgaccttggt	ccggctcctt	gcgccccctt	gccccagcct	120
ccttcgttga	gacactattt	gttgagtctt	tcctcttttc	ctggccctga	cctagcggtg	180
ggcgacataa	gagcaatagc	cgggtggggg	ctgtgagaac	ggctgggggt	gggagcgaat	240
ttcgaaacc	cggaggacga	gtatagcctt	gcaagatgga	aaatgccttc	ccgggctggc	300

gcggtggcct gtaatccac ctactn

326

<210> 292

<211> 324

<212> DNA

<213> Homo sapiens

<400> 292

aaaaatccta	acggctcaaa	gaagtttgc	aagggtcagg	aagcagggga	tacacgggcc	60
tctcctaccc	gtgtaggagg	caggaagggt	caaagcagag	gccagctctc	ccagactgtg	120
ggggaagggc	tggggggggg	aggcccacga	ggactggcca	cagccaccat	gcaggaacgt	180
cctggtgtgg	cctggcctgg	ctctcacaga	cccaaagctt	ccgtggagaa	tatgtctgtg	240
gttattaaac	agacaggcct	agtggaaaca	accctgccac	ctgcgtgttc	tctgagcctc	300
agttttcttc	tttgggaaag	agga				324

<210> 293

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 293

ttatgagggt	gattaaaacg	tcctaaactt	agatttgtgt	gatggttgca	aaacottgtg	60
actacattaa	aaagcattga	attgcacact	ttgggtgggt	gaactttatg	gtatgtaagt	120
tatatctcaa	taaaaaattt	tataaactgg	tttattccaa	tggtagactg	aaacaaaatg	180
aaagtgtaac	atattttgaa	cttcaattga	attataaggt	ctttttttta	catgataaaa	240
taatgtgcat	tatagcccaa	atgtaataca	ttattcaatg	atatatttcc	aagaatgctc	300
cttagctcag	tgaatgagn					319

<210> 294

<211> 318

<212> DNA

<213> Homo sapiens

<400> 294

ttttagtgtg	gtagtcaaag	cattaatttc	tcacattgca	atttccttca	aagacataaa	60
tacaaccttt	ctaattgactc	cttggttcac	aagatacctc	ttcaaattat	tctatttgtt	120
tcattcagta	tattatctgt	gtataccgat	attacactct	tttctttttt	tgagatggaa	180
tctcattctg	ttactgatgc	tggagtggag	tggcatgacc	tcggttcact	gcaacctcca	240
cctcccaggt	tcaagcgatt	ctcctgtctc	agccccccaa	gtagctagga	ctacaggtgc	300
acaccaccat	gcctggct					318

<210> 295

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 295

gatgctttgt	accagtacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	ccggagtctc	tcacaagctt	gaatgtgtgt	tctggagctg	120
aaggatgcac	ggttggttaag	ccctgttct	tttccgttgt	ttaatcta	gttctttgga	180
ataaaaacct	ccctgccaag	tagtacttgg	ttttatgctc	aacatgcttt	gactgttgaa	240
aagagacctt	tggcacacat	tgaagggatg	gtgatggaga	tgccaatcca	tggaatcagg	300
tggcacagct	atgttggtag	cn				322

<210> 296

<211> 318

<212> DNA

<213> Homo sapiens

<400> 296

cttgagcacg	cacacaccac	ttcttcaatg	ggtgtgaact	agtgcattgt	taaccttgta	60
ggtgacaaaa	aggctttgtt	tgtctgcatg	atcatctctg	ggaagcggcc	agcgtcttaa	120
atttgaatga	ggatcttcac	tgaagctcat	acttataatc	aaggagatca	ctgctaagaa	180
cgggaatttg	tcctgcgttc	tgggactaac	atacagagag	catctgattt	cagtcacggg	240
ttgccactac	cctataatga	gagcagtctt	atgttataaa	agaacgaagc	caactatatt	300
ctctgacgga	taaacatt					318

<210> 297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 297

caaaaataaaa	ataaaaataaa	ttagctgggc	gtgggtgacgc	acacctgtag	tcccagctac	60
ttcagaggcc	gaggtgggag	gatcacttga	tcctgggagg	tggaggttgt	tgcgaactga	120
tatggcgcca	ctgcccttca	tcctgggtga	cttagtgata	ccccagctc	taaaagtctt	180
catgtatacc	ttatctagga	tgaatggatt	cttatgcata	ctgggcatac	atgtagagct	240
ttgccgcatt	gacctattgt	ttacgaatct	aatacacgat	gtggatcctg	gggctgaaca	300
cttaattgat	tagggag					317

<210> 298

<211> 323

<212> DNA

<213> Homo sapiens

<400> 298

gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttgggttt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcacttttg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttcaa	gaccagcctg	240
gccaacgttg	tgaaacccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttg				323

<210> 299

<211> 320

<212> DNA

<213> Homo sapiens

<400> 299

gttcaccatg	ttgggtcaggc	tgggtcttgaa	ctcctgactt	cagggtgatcc	acccgtcttg	60
gcctcccaaa	gtgctgggat	tacaggcgtg	agcccacgcg	gcctgggttc	ggaattgcat	120
cttaattctct	gtggcggtctg	ctattttgtt	ttctaagttc	atgagcacag	gtggctgcct	180
ctatctttct	cctccactta	agcaggaaca	attcatgagg	cagactccac	ccaatgctgc	240
aaatcggccc	tattatcatt	gacctgaca	gaatttcagg	agtgtcaggc	cactccatac	300

tggaacacagt acagggttgt

320

<210> 300

<211> 318

<212> DNA

<213> Homo sapiens

<400> 300

gatgctttgt	accagtacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	ccggagtctc	tcacaagctt	gaatgtgtgt	tctggagctg	120
aaggatgcac	ggttggttaag	ccctgttctt	tttccgttgt	ttaatctaata	gttcttttga	180
ataaaaacct	ccctgccaag	tagtacttgg	ttttatgctc	aacatgcttt	gactgttgaa	240
aagagacctt	tggcacacat	tgaagggatg	gtgatggaga	tgccaatcca	tggaaatcaag	300
tggcacagct	atgttggt					318

<210> 301

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 301

ccttgctaac	tttattttcag	aaagtggtaa	aatagctatg	gagtacagac	ccagtgaaga	60
gattgtagat	gtcagatggg	aagaagaact	acacggttta	atataagtat	gtggagataa	120
aaactcaaag	gtaacagggc	cgggcacagt	ggctcacacc	tgtaatgcca	gtgcttttgg	180
aggctgaggg	gggtggatca	cctgaggtca	ggagttcaag	atcagactga	ccaacatgga	240
gaaatggtgg	cacatgcctg	taatcccagc	tactcgggag	gctgaggcag	gagaatcgct	300
tggacccggg	aagcggg					317

<210> 302

<211> 346

<212> DNA

<213> Homo sapiens

<400> 302

taccgctgcg	agaatacgac	agaacggcca	tctttctacc	atatgctagt	aatatatggc	60
tggaatgctg	gtatgggaat	tactccctc	tttgctgaaa	tagttcatct	cttggtgcct	120
tttccccttt	ttattcttct	attcttctta	gcctaagtga	tggctgcgat	tggattcaca	180
aggttgatat	tctactcgg	ctcatgtcca	cccacaagca	gagaggagcc	catcatcatc	240
atgtgttctg	aatctgaatc	ccaagcacga	aaaataactc	caaggctctt	acttaagctt	300
gcgagtctgc	tctgtcatgc	ggagagtcca	ccaccctgac	tggatg		346

<210> 303

<211> 322

<212> DNA

<213> Homo sapiens

<400> 303

tagttgatgt	gcccactctgc	cccacctctg	cctggctgta	cttgtagcta	gtacatgtat	60
actatatatg	tgcccgaactg	tttcattgta	tgttcaggga	tggatcatgcc	tgagtttttt	120
tttttttttt	gggggggggt	attctacttt	ttttgcccgc	tttgaagtgc	ggaccataaa	180
taacgttttta	aagcctcaaa	attttaacct	taaggggatt	aacctattta	atccttttgg	240
tttgtgggtg	cttggtacct	gccctaccag	gcgggggaat	tttttaaaaa	ttttttgaaa	300

aaaggaatt ttaagttctt ct

322

<210> 304

<211> 316

<212> DNA

<213> Homo sapiens

<400> 304

aagttgacct	catcacctca	gaaaatcagg	gataaaatct	gtctttatat	tgtttcaggg	60
acttgggtat	cagagacatt	atttgtttat	caagacctaa	caaaacactt	tcttattctt	120
taaaatttct	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgagaatat	tattaccttt	180
cacagagctc	ttttttaaac	cttgatgtgg	aacgcacaca	gtgtgacacc	atgtgtgcgc	240
cccttcacac	tcgaaacgct	tataggattc	attcagactc	tttttaaagc	acaacattgg	300
ggcagagaaa	gccacc					316

<210> 305

<211> 289

<212> DNA

<213> Homo sapiens

<400> 305

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catggtggct	catgcctgta	atcccagcac	180
tttgggaggc	tgaggcgggt	gggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtg		289

<210> 306

<211> 315

<212> DNA

<213> Homo sapiens

<400> 306

tagtcccttg	ttctgaacat	ggtactgaac	gtaaactttg	atgtattgat	gccctccagg	60
gctgtaaaat	tgtgtggggg	ttaccttatt	ctttcactga	attttaccaa	ccattttgcc	120
agagtgtttg	gcgctgacat	tgatattctc	gggcctcttg	aagtgtatag	agccctttgc	180
ccccaggcta	acatgcctta	catggctgta	ctgctctgca	tagtgctttt	cctgtgcctt	240
cttgtgattg	cctctgttct	ctatgggcac	tcctcattct	tgttggtggc	taccttttgt	300
cccaacaacc	tgacg					315

<210> 307

<211> 287

<212> DNA

<213> Homo sapiens

<400> 307

tcttgggcgc	cttctcccaa	cgtccctgcc	atactcgctt	ccgggctgat	tctccagttg	60
gtttcctgga	ctccagagta	gctgtccggc	ctggccccgg	aggtgcaaag	taagaaaatt	120
gaagtcaaag	accatgggag	atacagcaaa	accttatttc	gtgaagcgca	ctaaagaccg	180
ggggactatg	gatgatgatg	acttcagaag	gggtcacccc	caacaagatt	atttaataat	240
agatgaccat	gctaaaggcc	atggcagtaa	aatggaaaag	ggccttc		287

<210> 308

<211> 207

<212> DNA

<213> Homo sapiens

<400> 308
cagggcagcc tgcaaccaca caggttgcat cccatgaagc tggccccgga tatgtgtgac 60
ttgctgtcac ttttggttc aacaacagac aacttgactc aaaatggctt gaggggactt 120
actacttcat gccaaagaaa gcctggaggt agggcaggtc cagccacggt tggttaaaat 180
tcagctgcc aaccatgcc tgaaggg 207

<210> 309
<211> 319
<212> DNA
<213> Homo sapiens

<400> 309
gagaggaggc tcagggaag gtgaaagatg ctatgggctg gttaactctg caaaaggaaa 60
aactacagaa gttgctaaag gattcagaga atgataccta ctttaaaaag tataatagcc 120
tgctgtcctt tatggagtca ttcaatgaag aaaaaaagtc ctttttggat gtcctgtcaa 180
taaaacggga tctggatgag ctggacaagg atcatttaca gttgagagaa gcctgggatg 240
gcctcgatca ccagattaat gcatggaaaa taaagctaaa ttatgtcttg cccccacccc 300
tccatcaaac tgaagcttg 319

<210> 310
<211> 315
<212> DNA
<213> Homo sapiens

<400> 310
atttgcaaat tttggggctg catgtgaggc tgggaagggt gaccagagc ttctaaagta 60
caaaatgaaa tctctcacia cctgatggta tttggatagc atataccac cagaggaaca 120
ggcttttate tagcatacca caggtctccc ctttagcaca tctgtgctca ttttgaaact 180
gtatagggaa ggacattagg tggctgggag aactctgaag gacagacctg gatctcctgc 240
caccttccaa aggtgaaaca acaaaaatcc gccaggcttt cagtcagaag cccggaaggg 300
ccactcccaa ggaac 315

<210> 311
<211> 323
<212> DNA
<213> Homo sapiens

<400> 311
aagttttgga gagggggggg tctcactatg ttgcccagggt tgggtcttgaa ctccctaggct 60
gaagcgatcc tcccaccttg acctcccaa gtgctgggat tacagtttg agccaccgca 120
cccggcctag tctttaaatt tagagcctca ttgatataaa gggcgaagaa aattaagtgt 180
tgtaaccagg tagccgggtg tccaggagaa tgatggatct gtcagaaatc catgggtggg 240
ttcgagcttt ggtcccatct tggactcaat cgttcatggc cagacgctg gcaaggagcc 300
caaactacgc cagaagtgga cct 323

<210> 312
<211> 219
<212> DNA
<213> Homo sapiens

<400> 312
tgggtacggc tcgcaaaaac cacacaagggt gtccggttgg aaaacaccac ccaaggggtc 60
cggtgggaaa acaccacata aggggtgccg tggtaaaaca ccacataagg ggacgggtgg 120
gataacacca cagatgggga cggctgctat aatacgacag atgggcacgg ctgccataaa 180
accacataag gagaccgct gttattagac cacataagg 219

<210> 313

<211> 160
 <212> DNA
 <213> Homo sapiens

<400> 313
 gttatctgaa attcaggcac tgcattgcaca aatgaatggg aggaaaatta ctctgaatgg 60
 agaacgagag agtgagaaac caagccaaga actcttggaa tataatatac agcagaagca 120
 ggctcaaattg ctggagatgc aagtggagct tacaagtatg 160

<210> 314
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (308)
 <223> n = A,T,C or G

<400> 314
 ggaagttagt gcttaagggt aatagacttt tttcttttct tttctttttg agacagagtc 60
 ttgtcttttt gccagggctg gagttcagng ncgcaatctc ggctcactgc agcctccgct 120
 tcccagggtgc aggcgatcct ccttgctcct cacaggggag gctaggcagg ataattcgtt 180
 ttccaggagc cctctcttgg gggaaacacc tattttcccc ttaacatttg ggggaacaaa 240
 aaggggagttc ccgttaaaca ttgtttgcgtg gggatgaggc gccacacattg gctcccttac 300
 cctccgtg 308

<210> 315
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 315
 aaatgcctgc agggaccccc ggactagaca gccctcagcc ttcattggggc cggggggcag 60
 tgggcagctg ctcttgaaca acaggcaatt gttaccttgc aagaaagcag gctcagcgtg 120
 tcagacactc ctgcttttca agagaagctg gaagttcagg accagcctgg ccaacacggt 180
 gaaactcgat ctctactaaa aatacaaaaa ttagcggggc gtggtggcgc atgcctgtaa 240
 tcccagctac ttgggagggt ggggcaggag aatcgcttga acctgggagg cagaagttgc 300
 agtgagccga 310

<210> 316
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 316
 ccttgctaac tttatttcag aaagtggtaa aatagctatg gagtacagac ccagtgaaga 60
 gattgtagat gtcagatggg aagaagaact acacggttta atataagtat gtggagataa 120
 aaactcaaag gtaacagggc cgggcacagt ggctcacacc tgtaatgccg gtgctttggg 180
 aggctgaggc ggggtgatca cctgaggtca ggagttcaag atcagactga ccaacatgga 240
 gaaatggtgg cacatgcctg taatcccagc tactcgggag gctgaggcag gagaatcgct 300
 tggacccggg a 311

<210> 317
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 317
agacaaaact attattcaac tcaacagggg gccttttttt tctatacccc cagccttgta 60
aaaacccttt ggtgggtggg cccaccccc acttagatgg ttgggaaaaa ttggtttttt 120
tggaacttg ggggcgcctt tgggtttttt ggaccctta ataggtggcg aaaaccggct 180
accccccgcc gtgggtttct tttttatttc cagggtcgg gggggggggg gggggtgat 240
cacctgagat caggagtcca g 261

<210> 318
<211> 310
<212> DNA
<213> Homo sapiens

<400> 318
ccaccatgac tggcaaattt tcgtattata agtagagata gggtttctcc atgttggtca 60
gactggtctt gaactccgc cctcaggtga tctgcccgc tctgcctccc aaaatgctga 120
gattacagat gtgagccact gtgcccggct gcctgagaca ttttgggcaa cagccgtgac 180
agaagaaacg tgcattccct ctgtgcaggg gatttaagaa gtggctcatg gctgattatg 240
atttctttgc tccgtttctg gaactgcggg agcatcttct gggataaggg tctatctgtt 300
tgagtctctg 310

<210> 319
<211> 307
<212> DNA
<213> Homo sapiens

<400> 319
tgagcagaaa aggatagagt gtgacctgcc aagagatact ggacagtggc ctccactttg 60
tgtaccggg ttggccattc tccttatcgg cacagtcagg ataagaaaac tctaagtta 120
ttcggatccc ttggaggaca cttctacatg ggaacaattg cagctgtcat cttggacttt 180
acttcccagc caactcagtg gggaaaaggg ggagcattct ggggacctct gtagaggggc 240
ttcaactgg atagattccc aatcagagtg aagttcaact tcctccagga tatttccctc 300
ccctggg 307

<210> 320
<211> 303
<212> DNA
<213> Homo sapiens

<400> 320
ggagcctttg actatgctga gcctcacagt attccaggag gggatatagta agtaacagct 60
ggttctggga ccacttttgc tcagagcatt ctgtggaata tgggtctcca gaacattctc 120
tgagaactat tactcaatct atttaaacac acaaataaa ctctgtataa gagggaggac 180
actggctggc cgtggtggct cacacctgta atcccagcac tttgggaggc tgaggtggac 240
agatcacttc aggctggag ttggagacca gtctggccaa ctctgtctct actaaaaata 300
caa 303

<210> 321
<211> 295
<212> DNA
<213> Homo sapiens

<400> 321
cattacgccc acactctgca actaacagaa atatctctc tcccctgtat atgttaggac 60
caagaataaa atcaaacatg tggaggacat gtcagctagc ctgggatttc caagataccc 120
cggttggtaa gaactacttg gggtgccctc atctggagat tctggcttag tagatcagag 180
gtgggcctga taatttatat ccatgagcat accaggtaat tcttataact aagcgagttt 240

tggaaaacac agggctcatc taggccagca aaggtttcct gtcccagagt gggca 295

<210> 322
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 322
 tgatccatcc actgaattct ctcagagaaa tgagaactca gagccataag cctgctagga 60
 atttgcaaga atcttgggaa gtgcttcata atccccaggt tgtagaatgg aggttccagg 120
 caatactcta tggacttcaa aatacaggaa gacctcagat gacacaggat acattccaaa 180
 ttgcagaac tggactcagt ccattcagtt gaattccaac agttttcaaa tttgttaaag 240
 taaaaatatt ttgattcatt gtattaaaaa gtggttatag gccaagcgcg ggggtgcaca 300
 ctgg 304

<210> 323
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 323
 tacggctgca agnnnnnnnn nnnnggggagc ttgtccttct catacttcca ctgggagAAC 60
 tcagggtcca attaaactcc agaaccaggt gagctgcacc ttctcaggta tcaaaacaca 120
 gggcccgcca ggcacggtgg ctcacacctg taatcccgtA agtttgggag gccgaggcag 180
 gtggatcacc tgaggtcagg agttcgagac cagcctggcc aacatggtga aaccgcttct 240
 ctattaaaaa taaaaaaat tggcctggca tgggtggtca tgcctgtaat cccagcactt 300
 tgggaggccg aggcgggagg t 321

<210> 324
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 324
 tgaatatttt gatcaatgaa gtcatacact taacaatagc tatcaatatt gaggagctat 60
 aaataaattc taattttcac aaaactcagt aaggatatga atacaacctc cgctttacaa 120
 tgagaaaaat aagtcttact gattcgttga tttaatccat atcagagtta ataacctctt 180
 tttcattaaa attggtcctt tagaaacaca cctgcagctg ggcacggcgg ctcacacctg 240
 taatccagc actttgggag gccgagacgg gcggtacc tgaggn 286

<210> 325
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 325
 tgagcttttc attacattgt tgaaagatga agaacgaaag ctacttggtg atcagatgag 60

gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggtttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttgcccctc	tattcaaatt	180
aaccttgaaa	tatatttgag	gattctctct	tgttttaatt	aacacttggtg	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcag		284

<210> 326
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 326	
tccaccactc	ccacacagca tgcacacacg gttggacctg agtgctcctg atggaaccca 60
ggctgctctg	tgccgctgta ggatatcccc ctgcttaagg actttcgttt catctcagac 120
cacatctggc	cccgagttc ctctgatagt ttcccttctg tatcactgag cacatttggg 180
gcagctcgtc	cgtgagcatg cagtctgcac gtgtgggggtg aggggtggggc gcacacaggc 240
tgtgcctgtg	ctctggactt gtacaga 267

<210> 327
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 327	
ccttactcag	aaaccacaca agcttgcttg ttgtgttttg tgaancggc ctaccgttgc 60
gctaatacaa	cagaagggca tctctcttca tgaagggcac atacacacac acagttaagg 120
tgctgaggaa	actgggagag ccaatttgac ctggccttta ttttgcaaa gagtaactga 180
agcttcaa	acaatgtgtg ttacatagga accaattatg tatgtaggat taataaagat 240
aggagaccta	aggccattta catgagggca agaatagtaa ccttttgatc cagagaggta 300
gttttaaaaa	tagtaagggtg ttaacatata caaataataa agttggggct ttaaacattt 360
gaatttgaag	gctctgagtc atgggattaa ctttgtaccc cagggcacag ggaaaggcta 420
cccttgtgca	taagggtattg aggaagcttc ctggcagtaa ttccc 465

<210> 328
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 328	
ggcagcaggc	accttacaga cagtggaggg gtgtcccctc ccacaggcaa gaaccagagg 60
cccaggctgc	acacccattt cagccatcaa gaaccacac agacggcagg gaaggtggac 120
acagtatgaa	ctactgctga tgtctctgtt ggggatcaga gggctggcgg gaacgcgaga 180
agggcaccag	cagcattcca caccagctc ttctcacct tctgtctag tttgaatttc 240
ttttttttct	ttttcttttt ttttttttaa attaaaaaag gaaaaggggg ggtggggaaa 300
aaacctaata	caaaaaatgg gcattagggc tcaaagcacc ccagggaagg ggcccatgtt 360
tgggggggagc	aggggcttgt tgacccacc tgtttttgtt ttggcacaaa ggtttgg 417

<210> 329
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 329
 cgttgctgtc gcaagtttga atttgtgatga cggntgacgt ttgctgattt ttgactgtgc 60
 ttgtagctgc tccccgaact cgccgacttc ctgtcggcgg ccggcactgt aggtgagcgc 120
 gagaggacgg aggaaggaag cctgcagaca gacgccttct ccattcccaag gcgcggggcag 180
 gtgccggggac gctgggcctg gcggcggttt ctgctgtgctc agcgggtggga ggaggcggaa 240
 gaaaccagag cctggggagat taacaggaaa cttccaagat ggaaactttg tctttcccca 300
 gatataatgt agctgagatt gtgattcata ttcgcaataa gatcttaaca ggagctgatg 360
 gtaaaaacct caccaagaat gatctttatc caaatcc 397

<210> 330
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 330
 ggcacgaggg acccatttct aggattctaa gatgtaagat ttcttaagtt ctttatctta 60
 gtctcatgca ttctccacat caccgcgtgt accatactgt gtagtcagaa cagacagtgt 120
 gattgaaaag ctttgaaaaa agttaacaca aaggattatt tagcacatag gctgtagata 180
 cgtatgtgtg tatttggttca acaattggag atgggtgaat acccttgaac aaagtgtgta 240
 tctttctcaa tcaagtgttg cactagtcaa taattagaag gtgttggttat ttttaaaact 300
 ataagcaaaa ttatgaaggc ctttaaaaaa tctatcataa taatgaaaaa gaggttgtct 360
 cccaacagtg ctgtccctca aagaaaagac tgggt 394

<210> 331
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 331
 attatggggc tgagccacca tgcccgact ctacatcaga aatttcaaaa ggaatttcat 60
 agttacaagt tcttcatgag aacaatagct ccagaaaaac accttccttg gttccaggtt 120
 tacactgaag tttttctttt ttttttattt cacaacacag attctaggat acactgaagt 180
 attaagaaaa atcggggcca ggtgcggggg ctacgcctg taatcccagc actttgggag 240
 gcctaggtgg gcagatcacc tgaggtcagg agttcgagac cagcctgacc aacatggaga 300
 aaccccgctc ctactaaaaa tacaaaaaaa aattatccag gcgggggggc gcatgcctgt 360
 aatcccaggg actcggg 377

<210> 332
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 332
 ggcacgagcc gagctcggag ggggtcgtgc ggcgcggagt cctcctggat cgtggcaatg 60
 ggcagacaca gagcagaaag tggcggactt gggcggccac aggttaacttt ctgcgaaggga 120
 gctgaattct ttactaaaag ggtacaagcc cgagggaaga gctgcgcgat gattggctgg 180
 ggagctccct cagggtgagct gccattggca gaggcgcgct caggtaaggc ccttctccaa 240
 gtgcaggtaa ctactccga agtttacctg agtggagcgg cggcatgctt gcagctcggc 300
 ggcagcctgt gagagctgag ggtcagttct tcgagtagat ctcaagctgc gttttcctcc 360
 ttctccaaag cagggatggg aagggtggag ctactggttg g 401

<210> 333
 <211> 392

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 333
cggttgctgtc gggtcaacaa gcatacctagt taaagggctt atcttcatga gtaggtgaca 60
ccacagacat ggtgcttact tcagaattag ctctattatt ttcagaacat tgcttaacat 120
ggttggttag tccggcagac aaattaacat attcttgtgc ataaaaatta gaacaaattt 180
ggatatggcca gtggaaacta tggagtccaa ttgcttttta atctaatttt gatttaagta 240
aatgcagtta tacagagggt gcaaggaaca gaattgtttt tattttattc tattaagtca 300
tgggtataaca tgtattttaa agattatctg tcttaccaa tgtacaattt ttgtacaatt 360
attggccttg gaagtagaga tgacagaatt cn 392

<210> 334
<211> 383
<212> DNA
<213> Homo sapiens

<400> 334
cggttacctg ctgacaggat tgccctgatgt caacgtatct gtcttgctaa atgtccttac 60
attgacagct cttatattgt tcataaccatc cattacataa atatccacca tcttattatt 120
tgggtattaaa actcttcttc aataagaact actttcctgg agcatttctg tgtgcctctc 180
ctggtcatac taagtgcatt tagctttctg cttacgaggg tgagcatttc ctatccctgc 240
tgctgtcttc acagcactta cccacagaa agatctcagg cactgacaag atatccaatc 300
tcaatgctat gttgtatcaa gcctcatata ttgataaaaa agtcttagtg gcattaattc 360
taaataaatt actattccac acg 383

<210> 335
<211> 404
<212> DNA
<213> Homo sapiens

<400> 335
cttctccatg ctcggaataa cttcctgcat cggtcaacag gctaaagagg ggggaaggctc 60
ggaggttggg aagaggactg gaatctgatt ggggttccaa caaatctgta acaccgctgg 120
gaacgactgg gtccccctta ggtccttttag gacagcgttt gaaatcttgc tttccccctgc 180
agggatccag caccggctcc tctccggca accacgggtg gagcggcgga ggaaatggac 240
ataaaccggg gtgtgaaaag ccagggaatg aagcccgagg gagcggggaa tctgggattc 300
agaactctga gacgtctcct gggatgttta actttgacac tttctggaag aatttttaaat 360
ccaagcctgg gtttcatcaa ctgggatgcc ataaaccagg acct 404

<210> 336
<211> 390
<212> DNA
<213> Homo sapiens

<400> 336
ggcaccagca aagaggaaac agtttagttt tagtggcatg tcttcagtgc aatgctgaat 60
acctaatagt ttttccaaaa ttgggtccag tgggttacgt cttggatctt gcagatagac 120
tgatctcaaa agcctgtcca tttgctgcag caggaataat ggtcggtctc atctattgga 180
cagctgtgac ttatggagca gtgacagtga tgcaggttgt aggtcataaa gaaggtctgg 240
atgttatgga gagagctgat cctttattcc ttttaattgg acttctact attcctgtca 300
tgctgatatt acgcaagatg attcgctggg aggactatgt gcttagactg tggcgcaaat 360

actcgaataa actacaaatt ttaaatagcg

390

<210> 337

<211> 400

<212> DNA

<213> Homo sapiens

<400> 337

cgttgctgtc	gcttgggaag	aatcccaaca	tcgagaaaac	ggtgtcctgt	gagttccaac	60
aatgcttctt	gttcatgggt	ttcttccgta	tggagtggat	taagagtgtt	ttattttggt	120
gttctaactg	agaaaaaaag	gaggcaccca	caagggtgag	gtcacacagt	ctccacagtt	180
tccaggaggc	gtttgggggt	ggggaaggca	cctccagagc	atgaggctct	aaggggacat	240
gagtaaaagc	tgtctgtgac	ccagtgaagga	agggagaggc	cagctgcaact	cctgcacggg	300
gttcctagct	gcagaagggt	cccgcctatg	ccgaggggaa	acacctgata	gcagaagagg	360
cctggatgca	cacctggcac	gccgaggctc	tccgccaga			400

<210> 338

<211> 356

<212> DNA

<213> Homo sapiens

<400> 338

cctcagcctg	ctgagtagct	gggattacag	gtgcccacca	ccacgcccag	ctaatttttg	60
catattgtagt	agagatgggg	cttcaccatc	ctggcccggc	tgggtctcaa	ctcctgacct	120
aaggcgatct	gcccgcctca	gcctccctga	gagctgggat	taaaggcgtg	agccaccaca	180
cctgggcacc	ttattttttt	atacggctct	actgcataca	gttgaataag	aaaactattc	240
ctgtattgct	gcactttcac	actgcttcaa	aatcggccta	ggagaaacaa	tgctttaatt	300
gcttcgggtg	catttaattc	ctagagccaa	cgggcttggt	caaaggcaac	ctaccc	356

<210> 339

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 339

caaactccca	agcacaagtg	aatcatgggt	cagtgactca	ttgtgtgaat	aggggacacag	60
agaatcccta	aaccattgct	tttcatatca	ggagtccaac	agtctttcag	gttggccctg	120
actgagggtc	ttgagtattt	agtggagttt	tctggtaaat	catagctatt	ctaatttagg	180
tttcagccca	actagatgct	tcctactatc	cctggtaagg	aatggaactg	gctcacagta	240
aatgtagctg	tttagtaata	gatgcagata	ttcttattat	cctctctagg	gcttctattc	300
tgattttctta	tttttaagat	taagaattta	atggctaaaa	aagctaagtg	n	351

<210> 340

<211> 381

<212> DNA

<213> Homo sapiens

<400> 340

cgttgctgtc	gaacaatggt	acaaaaggca	aatataaaga	gtatgttttc	tttttagtgc	60
tttgaaaaaa	tttcacttaa	actcttatta	ctgtatagat	taagccctat	aatgctattt	120
atattccagg	ggaacgaaaa	tctgaatttg	ttttatgatt	taaagcatct	ggtttgcata	180
ttgtattgta	atactgatac	agtttggtcg	tgtccccacc	aaattgaatt	gtgttaatat	240

ttcccataat ccctacgtgt tgtgggaggg acccagtgagg cagtaattta atcatgggtgg	300
tggttacccct catgctgttc ttgtgatggg gagttctcat gagatctgat ggggggtttt	360
ttttgttttg gtttttggtt t	381

<210> 341
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 341	
ggtccagtat gtagcgtaac agccttccaa ccagttagag ccagtgtctt ggttggccat	60
tcttgcttta ttgcctaccc tggagttaga ttagcgggtg aggggagatc acttttatct	120
agactgcagg aactgagaat ggggtgagggg tgattcccaa atagaaaatg aagggttctgt	180
ttatagaaga ataagaaact atgtttgtct ggtaaaaata gcagttgtcc attctatcag	240
ttttcattcc catgttacag aaattcttac caaacaggct taaatagtaa gcgaatgcct	300
tagttcattt cactggcagt tcagagtggg gggagccctg gggg	344

<210> 342
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 342	
cggtgctgtc ggaacttttc aacatattga caccacagct gtattacaaa cgaaacaggg	60
acagatgaag gcctgcattt gcctgaacgc tatagtttgt tgatccctaa ctagtaaattg	120
gaattcacat ataaccacat ggactttgca ctgcacagaa aaagtcagtt tggggagaaat	180
ttcagactta catgtgaagg acagatgtca attttcattt ttattttatt tttgagacag	240
agtctccctc tgtggcccag gctggagtgc agaggcatga tcttggctca ctgcaacctc	300
tgccccctgg gttcaaaca ttcttgtgtc tcaacctcct gaaaagctgg gaataacggc	360
gggcacccac cagc	374

<210> 343
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 343	
cggtgctgtc ggaattgaag cccaggtggg tgtccaatgc cagaccatgg atcatcagcc	60
tgggacacca aagtgccaca ctctcagagt gaggatgatc ctgaggaagt cagctctacc	120
accctccaca ccaggaagt caagcagact cacctcatga ttgagcagaa taagagaatc	180
cttgagaagt cataagtttg catggatttg cagcacaagt tcaaacaact agatggcacc	240
aaatccctca atttatgaag acatttaacg tggtagccaa ttggaaacgc ctcatggcag	300
aaacaaacat aaatcctttc tagaagggtg ccttgtccaa gtgtttccca aaccagtttt	360
tttagggaaa atg	373

<210> 344
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(350)
 <223> n = A,T,C or G

<400> 344
 aagctcctgt ccccgaaacaa gaagcagagg aaaaaccaca ctagcaagct gcaagagttg 60
 gcactgctgc tgcccatagc cctgaagacg gggaccaaga agctcacaaa ggtacagggg 120
 ctagaggaga ggggccagat ttgggacgca ggtcttttaa tagcagcaaa tgggtcaccc 180
 tctcctggga aacctggaca gatcctttca gtggcagcat tcaaattggga atgggtgctac 240
 tctgaacggg aatttccggg agtctgtgat ccataacta ggtgcctgga ggatcctttt 300
 tttgcaaagg agagaggaga aaccgggctg gggaaataga gatagcacan 350

<210> 345
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 345
 cgtgtctgag ctgtgatgac gctggccttg tgtttcgtca ggtgggtgtcc acagggtgcc 60
 tgctgggtgc tttttctctg ccctgggaga ggctcgctga ggctgcacgg ctgcctggga 120
 gaggtctgct gaggtcgcac ggctgcctgg gcggcctctg acgcgccctg tggactgcag 180
 catccagggg atcgcgtctg caactcttat tgctttggcg tttacctatt ggggatttaa 240
 aaaaaaaatt gttcattttt ataaaaaaga catgggctgg ctgggcacgg nggctcacgc 300
 ctggaatccc aatacttttg gaggctgagg tgggcggatc acctgaggta aggatttcaa 360
 g 361

<210> 346
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 346
 ggagggtggag gttgcagtga gctgagatca tgccactgca ctccagcatg ggtgacagag 60
 actccggctc ataataaaaa aaaaaaaaaa aataattttt tgactgaaaa aatatttttt 120
 tgtgtggggg aggggttttt ttttgggcgc aagaagtaac aacctgtgtt gggggggggg 180
 tgcccacccc cttctttttg gagagcttgt gttctttttt ttt 223

<210> 347
 <211> 477
 <212> DNA
 <213> Homo sapiens

<400> 347
 ttgttctttt tgcaagatcc cactcgattc aattcggcac gagatattaa aaggagggtta 60
 gtgcttaaca agaatttaat tgctctgcaa ttcattgctg ttctaataca acctaaactt 120
 taagatcttt ctaggggcag aaagcccatg agaaatacaa tgggaaggtaa agacaatggg 180
 acggcggaag tggttgcacc ccgtgcaacc agctgcagaa tgaataggga aaacagcaaa 240
 gctgtactag cctctggttt atcaactcca gaccatgaga aagataactg tagatacagt 300
 tacactatga caaggctaag cacgaatcac caacatgttt cccaaagtgg gtgggtggccc 360
 tgaaagtgtg tttgcttgtt agatggaatc aagagctaaa atcaaaggct actcctgaac 420
 cgttttagta agacccgagg taggagttca aaagcctcag tctcagttcc cccgtat 477

<210> 348

<211> 321
 <212> DNA
 <213> Homo sapiens

<400> 348
 ggagtagaat gcttttctact agctctcaaa ccttggtgtg aggaattcct tggagggctt 60
 gttttaagca cagattgctg ggccctactgg aatcagtggg tctgcaagga ggccctaaat 120
 tcgcctccct gacaggttcc tggcagatgt gatgctgcct gaggcctgca cttaggacca 180
 ctgacatagc caactagaag aaacatggga aggctgggga gtctctccct gtagtgagcc 240
 ctcaggagga ggattagaat gggggcactg gaggaccagg cgcggtggct caccgctata 300
 atcccagcac tttgggagggc g 321

<210> 349
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 349
 cacagcactt gtcttttggc ggatnnmntn gagtcgaatt cggcacgaga tgccgtgggtg 60
 gagaacacac ctgtggctat cttatgtgag gactagaggt gaagaggaga tggacactgc 120
 ctctggagcc agcctgacac caaggacagc acttgctcatc atccctatcc tcgtcagccc 180
 caccctgctg cctcagctgg acccagggct ttgacacaaa cccagtgcctt tgcttatggg 240
 tgctcgctgg ggtccgggtg agactgacca ccctgcttga gccaaagaca aggtgatgag 300
 agatggggag aggccattgg ctcccagagg gaacagtgcct ggctgtggct agagaacagc 360
 aggtctgtgc agtgtctgag ggcagggttg gaagggtagc anagagagag agaccgaaag 420
 agagagagag agac 434

<210> 350
 <211> 178
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 350
 acgttttagcc ctgaacagga gccaccatgc attgcttcag cttcattaag accatgatga 60
 tcctcttcaa tttgctcatc tttctgtgtg gngcagccct gttggcagtg ggcattctggg 120
 tgtcaatcga tggggcatcc tttctgaaga tcttcgggcc actgtcgtcc agtgccat 178

<210> 351
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

ctaatatccg gttc

374

<210> 356

<211> 131

<212> DNA

<213> Homo sapiens

<400> 356

ttcggtgtg	aaatgacaac	agatgggtgtc	gggtgcgata	tgacgaccga	atggttaccg	60
ctgctataac	acgaccctaa	gtggatcggg	ttgcgggaaa	ttcgactgca	cagggggctg	120
gcgtttgact	g					131

<210> 357

<211> 226

<212> DNA

<213> Homo sapiens

<400> 357

aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcattgtt	ataatcaa	60
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatgggtaca	cattccatt	120
gaggttta	tggttaagg	tggttgacac	attttaagt	tttagactga	aatcttcacg	180
gtttggaa	cattgtact	ctagcactgg	cagaagacat	gtaaat		226

<210> 358

<211> 414

<212> DNA

<213> Homo sapiens

<400> 358

cggttgcgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tattttaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	gggtgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	actttttaaa	aagaatcatt	aagcatatct	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	tatttttccg	tggt	414

<210> 359

<211> 406

<212> DNA

<213> Homo sapiens

<400> 359

cggttgcgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tattttaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	gggtgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	actttttaaa	aagaatcatt	aagcatatct	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	aatttt		406

<210> 360

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 360
 cgttgctgtc gctgaaatac catcagaggc ccaggagggg ctagttgtaa ctggcaaata 60
 tagtaaatta atttgctctg gttgataggt agcaagcagg gtttatatac attgtcacct 120
 acttttccag ttaacaggag agactggaga ttttatgaaa tttgatattt aaatgttggt 180
 aactgggttg ggcaccatgg ctcacacctc taatcccage acttcggggag gctgaggcgg 240
 gtggagcacc tgaggtcagg agttaaagac catcctgacc agcctgggtga aacacagtct 300
 ctaataaaga tacaaaaatt aggccgggtg tgggtggctca tgccgtgaat cccagcactt 360
 tggggaggcc aaggtggggc gatcacctga gtcaggagtn 400

<210> 361
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 361
 cgttgctgtc gcaaggatct ccattctccc tgtctggata cttctttggc agagatatgt 60
 cctttaggaa aaaatctcag ctctaaagtt aattcagaca gcggatttcc aggactagca 120
 gccagtgcct tacttgtgag tcacgggtgtc tacatcagaa gcctgtttga ctattttctg 180
 actgacctta tgtgtgcctt accagccact ctgagcatat atgaacgtat gtcagttact 240
 cccaatacag ggatgagtct ctctatcata cactttcgtg acggaatgag aagttaaacc 300
 aacggttcag tgtattcgta tgaacctaca ggatcatcga aatggactga ctgatactcg 360
 ctgcgataaa atctgcatca ctatctaacc attttgagcc tctgaaggg 409

<210> 362
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 362
 atttcagatg gatagtagtt caggtacatt actggtacag tgtgctcaaa cgttttcccc 60
 atgattacta ggttcttgtg atatctgggc tagaaacaca gccatcattt ataaatctgt 120
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtttct tttaatggga gaatgtgatc 180
 agagttctaa aaaactgaaa taaaagtgcg tttttagaat atgaattatt ttgtaaattt 240
 tagatagatt atagagtgc tactataccc tttttcagag cagaggaaga gaacccattt 300
 aggcacccgt ttaaaggaga tttgggtgtg tgttcttagg gtctttttatc tgaaagatga 360
 actgcggctc tgtctattat agatan 386

<210> 363
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 363
 cgttgctgtc gcagggtttt gctttgtctc ccaggctgga gtgcagtgat acaatcatag 60
 ctaactgcaa cctccgcctc ctgggctcaa gcaatcctcc cacctcagcc tccccagtag 120
 ctgggatcac aggcattgtg gaacatgcct ggctaagttt tcatattttt ttgtagagaa 180
 ggggtttcgt catgttgccc aggcaggact cgaactcctg ggctgaagag acctgcctac 240
 ctctgcctcc caaagtgtct ggattacagg catgagccac ccagagccaa ggtctcagtc 300

tttttagtgag	cttggttatg	gattttgaac	tatatcctgt	ttctcagcgc	ctcaccceca	360
ggatggcttg	aatgacctgt	agttgggtat	ttcccttacc	tcattgt		406

<210> 364
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 364						
gtgctgcatg	tttaaagtat	tccctctgtt	ttacttcatg	atagttggcc	cctttcaggt	60
tataacacgg	acatttttct	atggttttca	ttatttgcac	atgccaacag	agtagaatag	120
atttttaacg	agcatcactt	cattgcaagc	aaatttatta	atccagtggg	actgatgaaa	180
ctaaggagct	ctttgggggc	aggctcgatg	gtcacgcct	gtaattcttg	cactttggga	240
ggctgaggcg	gggtgatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtctt	tactaaaaat	acaaaaaaat	tagccgggca	tggtggcggg	tgctgtaat	360
ctcagctact	cgggan					376

<210> 365
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 365						
tactgctgcg	agatgacgac	acatgggtac	ggttggtaga	ttacgactga	atgggtactgt	60
tgcgtatctt	acaccttaat	ggctcgtgct	gtgggtgaata	ctactctaca	gggaacctgt	120
tggcgtatat	tctcagatg					140

<210> 366
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 366						
tgggtacggg	tgctataaga	cgacaaattg	gttcggttgt	gtttagatga	cagatggggt	60
cgtgttggct	attaatctca	ccaatgtttt	cttggtgttt	tatactgacg	taatgatcat	120
tttttcgggt	atctgcg					137

<210> 367
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 367						
cggttgcctg	ggggagatcg	gaagattttt	tctctatctg	gactctgctg	gtgtgcctgt	60
tgactggcac	tgggggaaag	tcgtctgaaa	ctggggcctc	agtttcttaa	ggagggtggg	120
ttgaatcaca	atcttcaa	ataggggat	ctgagggtac	aaaaagggtc	tgtgcacctc	180
ctgaaatagt	atataccatt	gtgtgtgtga	gcaaaaatgt	attccaaccc	ttcccacgcc	240

cgctcgaggt	ccacagtttc	catcagatta	tcagtaaata	ggataccaaa	tgtagtga	300
agttaccatt	acatgccagg	cgcggtggct	cacgcctata	atcccagcac	tttgggatac	360
tgagggcggc	agatcacttg	aggtcaggag	atcaaaan			398

<210> 368
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 368						60
aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcatgttg	ataatcagat	120
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatggtaca	cattcccatt	180
gaggtttaat	tgtaaggtt	tgtttgacac	attttaagt	gtagactga	aatcttcacg	209
gtttggaaat	cattgtactt	ctagcactg				

<210> 369
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 369						60
tgactatggt	ttatctacac	taaaaccctt	gcagttccca	atctgctcgt	tgtagttaa	120
aactttcacg	cttcgttaat	gtcactgcct	ctgtcatctt	tgaaaagacg	atagttttgt	180
gcctgctgaa	catatatgaa	atgcattgca	aaagagtttg	ttgaaactct	ttgttacgac	240
ttgctcttcc	cgcttcacat	tctacctggc	ctctaattta	atattaattg	gtttggaaat	300
cagagtcaac	aaaaagaccc	acaagactta	atgggggtccc	atcagtcctc	ataatttgat	360
ttgaaaggct	gaaagcgggc	agcactgtca	ttcatagcca	aacagtccta	ttgagaggtc	405
ttggactatc	atgccagctg	tcagaccact	ccatgcactg	ggtgg		

<210> 370
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 370						60
cggtgctgtc	ggttcaggtc	actgaaagca	aggaaagcct	gataaactgc	cacggccacg	120
aggagtctaa	ggacacatcc	aattttccatt	cgcattccaa	atggaatccg	agacagaaaag	180
aggaccttag	ccttcataat	tgtttttttc	ttatgaagct	tcttctgggt	ggaaacttgt	240
caaatttcac	caggttaagaa	gtgctaaagt	gaacctgtta	actttgtttc	aaaaaacaaa	300
aaccgaagtt	taagaaatct	aaagatggtg	tcagccttag	acagatctct	ggactgtaat	360
ctgggaaagg	tcaaataaga	tctccaatcg	tgtacaattc	caaatacatt	tgagagcagt	398
gggtctgaaa	atgtggttcc	cagaccagca	gcatcaat			

<210> 371
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 371						60
gagtgtgact	cttaaaggca	agagcatgta	tattatgcc	aagcagcctg	aatattttta	120
ttcacagaca	gacagacaat	gcttgactcc	ctgctaattc	gaaatacttc	gtggggaggg	180
ccagggaat	cacaacaaa	tttcagaagt	agaatgagct	atttggtgta	tgtctccag	

gccaataaat	aacacgaagg	aagaataaat	ttcttttgcta	accacacgaa	ggagaaatac	240
acttttttgc	tctaaaatat	tttccaatta	tctccacgac	actggaggga	aggactatca	300
ncnngtacat	naatgtgagg	aaggg				325

<210> 372
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 372						
cggttgctgctc	gcattggagtc	ttgttttggat	gatgacagtt	ttctgtaact	acagcttgga	60
aactatgcaa	atggctctaga	ttcctcatag	ctcacatgat	aggatatagg	tagtgatgac	120
attttgctct	tcttggtgga	acacacactt	caaggaggag	atagtgactt	tgagatagga	180
acagtttaag	atgcagtgtg	agtctggcct	gcgtgcggtg	aggaggcccc	gccaagagac	240
tggtggacat	ctgactgtgg	gatgtgctct	caagtaggac	gtcatcagga	cagattctga	300
ataggcatca	tgagagtgtc	ggtcagaaac	ggctgccact	ttttttaatt	taattttatt	360
ttttatttaa	aggaaggaaa	catagctagg	taagattttt	atcac		405

<210> 373
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 373						
catcgattcg	aattccgctg	ctgtcgctta	gtcttcatac	tgttttaaat	gcttatttac	60
ttatccttat	tccccattta	ggctctaagc	actaagtggg	tactgcaagt	gctcaaaaat	120
tttggttgct	agaaatagta	gtgttaagtc	aatgagaaat	ggctttaaaa	tatagaccca	180
gggcagatct	tttccacact	cagtacaatg	agctgtcatg	tgcccttactt	gactgggaat	240
ctatcacaaa	tacatgtgca	gacatttcta	gtttagataa	cattaaaaaa	acatttagcg	300
aacagtatgt	attctgctcc	ctccttatac	atcttgagct	acattaagga	tttccagttt	360
tcctttccct	caaacagttg	cagaaagtca	gtataagagt	ggt		403

<210> 374
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 374						
gagatttggt	acgtatttta	gacatcttct	aagtaactcc	acagaagact	ctcaaaaāaa	60
aagcgtgacc	tcaacctgcc	tataggtgcc	ctagtggaga	atgcttgata	ccaggtgaca	120
acccccacgc	gccccaatag	tgcaagaaca	aagtggaggc	cagagaaggg	gctggtagtt	180
tcttcttagt	tctcagaagg	cttatctgat	gatccactca	cctctccttc	caccttaagg	240
gaagaatgga	agataataag	caaaacttct	agaaagagca	attagccctt	caacttctaa	300
tatccaggtg	ggtcagttcc	cagtgaagga	ggtaagtggg	caatggtaag	ctgtgccaca	360
caccaagtat	g					371

<210> 375
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 375

tgagtgtggg	gccctgcgtg	acagccctgc	ccctgagtat	ctaattgtgtg	cgttgacagc	60
cctgccccctg	agtatctaata	gtgtgcgtga	cagccctgcc	cctgagtatc	taatgtgact	120
ggctgttgct	tcccgggata	tcttccaaga	gacagaataa	cctggatctg	aggataaatg	180
ccaggaggaa	gggagaatgt	atccatgggt	cccatctcca	ttagtcaaag	gtacctctac	240
agtgccttca	cagcccaggc	ctgactgcgc	ctagcggctc	ctcagcggtt	caggctcagc	300
agcagcaggg	acaccacaag	tggccaggta	cagcctggaa	cccctcccag	ggctggccct	360
agaggcaggt	aaagtgagga	gcaccttaca	tggtgcataa	naagtgtcca	atgccagtgc	420

<210> 376

<211> 417

<212> DNA

<213> Homo sapiens

<400> 376

ggcacgggag	gtttcagcga	gctgagatca	caccactgca	ctccagcctt	ggtgacagag	60
tgagactctg	tctcaaaaaa	aaaaaaaaaa	aaaaagcccc	ccccctttat	tattataagg	120
gggccttttg	ggataagccc	aaacccaaaa	aaaatccggg	ggggggggca	ccccccccct	180
gggaattttt	taaaaaaaaa	tgtttttttc	ggacccttgg	ggggggggccc	ccttttttgg	240
tcaccgttaa	taggggggaa	aaaagggtgt	aattacaaaa	agggagcttt	tttttttttg	300
gggccttggg	ggaggggggg	gggagtttat	tcatgtcccc	tttttcttcc	cagaagagga	360
atatttcccc	cgctcagaaa	gggaatcctg	cgccctttta	tgccctgggg	ggttttg	417

<210> 377

<211> 375

<212> DNA

<213> Homo sapiens

<400> 377

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	ccttgtttac	60
taattgtaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagaaatt	ggatttttct	gtttttttct	tagcagggtta	tattttgagt	180
ttcagctaaa	agactaaggt	tttcttatct	aatggcttta	aatttatata	tttaggcaaa	240
ttcaacaatt	ttttgctaag	cattttgcca	aatgccaggc	ttttcaaaga	agggtaagat	300
cccacccttg	aatctctatc	aattgctgct	ttttgcagaa	aacacatatt	atacattgta	360
tttagaaaaca	tgaag					375

<210> 378

<211> 164

<212> DNA

<213> Homo sapiens

<400> 378

agtaaaaaaca	aaatcaagac	taagagagga	ggaattagaa	tgagactcat	gtaccctcct	60
tccccactcc	aggggaagga	gagactgttt	gggaatgcc	tccccactact	tccagggcag	120
aggctgtgca	gaagagcctt	ggagaatctg	cagccactgc	atgg		164

<210> 379

<211> 239

<212> DNA

<213> Homo sapiens

<400> 379

atgccctctc	cccatgaaga	atcactctga	attcttcacc	actgatgctt	tccatccgga	60
ggtgaaacgg	cccagacacc	ctgtcccttc	ccctctctca	ctcctcttac	aggcacagtg	120
cggccctcgc	atgaactccc	cgtcgacccc	tgcccccctgc	ctgatctcta	tcccacgctc	180
ctctctgcgt	cttctgccta	cctaccgccc	ttccttctca	atccgcgcgc	cgcttcccc	239

<210> 380
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 380							
gaaggaatgt	gggcaagggtt	ttgaacttga	ttgttcttga	agctatcaga	ccacatcgag		60
gctcagcagt	catccgtggg	catttggttt	caacaaagaa	acctaacatc	ctactctgga		120
aactgatctc	ggagttaagg	cgaattgttc	aagaacacaa	actacatcgc	actcgtcagt		180
tgtcagttct	ggggcatgac	tttagcggtt	tgtttctgcg	agaacataac	gatcactcat		240
ttttatgtcc	cacgtgtgtg	tgtccgcac	tttctggtca	acattgtttt	aactagtcac		300
tcattagcgt	tttcaatagg	gctcttaagt	ccagtagatt	acgggtagtc	agttgacgaa		360
gatctgggtt	acaagaacta	attaaatgtt	tcattgcatt	tttgag			406

<210> 381
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 381							
cgttgctgtc	gcttgggcaa	aagttcagtt	aatagtgtcg	ttctgaaaga	tagggttaat		60
aaacaatttg	ttggagaaac	acaaagcagg	actttccag	taaaatcaca	gcaactctct		120
agaggagcag	atcttgcaag	accaggagta	aaaccctcaa	ggacgggttc	ctctcacttt		180
attcggaccc	ttagtaaagt	tcagtcac	aagaaaccag	tagtcaagaa	catcaaagat		240
ataaagggtta	ataggagtca	atatgaaaga	ccagatgaaa	ctaagatacg	gtcataccct		300
gttactgaac	agagagtga	gcacaccana	cccagaacat	accccagttt	gcttcagggt		360
gaatataaca	acagacatcc	aaacatcaag	caagatcaga	agtcen			406

<210> 382
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 382							
caacgcgtct	ctgttctggc	tacatagggg	ggcgcttttt	ttttttttcc	ccacatgggt		60
tactgtctct	tttgtgtagt	tggttaaaac	ccctgttctt	tggtgggtct	ggataaggac		120
gcccctctctg	tttggtatgt	tgtggcgctc	tacggcgggg	ttgttttggc	gagccctttt		180
atatgg							186

<210> 383
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 383							
cgttgctgtc	ggaattgaag	cccagggtggg	tgtccaatgc	cagaccatgg	atcatcagcc		60
tgggacacca	aagtgccaca	ctctcagagt	gaggatgatc	ctcaggaagt	cagctctacc		120

accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaagt	tcaaacaact	agatggcacc	240
aaatccctca	atztatgaag	acattttaacg	tggtacccaa	ttggaaaacgc	ctcatggcag	300
aaacaaacat	aaatcctttc	tagaaggttg	ccttggtccaa	gtggtttccca	aaccagtttt	360
tttagggaaa	atgcacagct	tactataaaa	aaattttaac	ctaaacttgg	n	411

<210> 384

<211> 354

<212> DNA

<213> Homo sapiens

<400> 384

ctgggaatac	aactgttcca	gcaaaagggc	cctgtcttg	ggaaggccca	cgctgaggag	60
gggaggatgg	cccacctta	ggggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cggcagagaa	gaggggtatag	aaagtatgga	cagggagccc	agtggagacg	180
gagctggcca	gccaggaagg	acctatgtat	tctgggcagg	aaggtgagaa	gggctcccta	240
ctccaggcct	gcccaggccg	tctcctgctc	caagctccgc	tagctgcccc	gggctacgct	300
agctgccttg	ttgcccgcac	caccacgttc	cctggcgccct	gcgggagggga	aacg	354

<210> 385

<211> 381

<212> DNA

<213> Homo sapiens

<400> 385

tgcctcagcc	tctcgagtag	ttgagactac	aggtgcccat	caccatgcgt	ggctaatttt	60
tgtattttta	atagagacgg	ggttttacca	tactggccag	gttggctctg	aactcctgac	120
cttggtggcct	gcctgcctcg	gcctcccaaa	gtgttgggat	tacaggcgtg	agccaccatg	180
cctggactaa	gagtgtgtgt	gtgagtatga	ctttctcaat	tcgcgtctcc	cctccccctc	240
cttattgcgt	catcagggtg	gtctttccgt	aagacacgtc	gcaatcaagg	cggtcagatc	300
ctagacatcc	tttcttcctt	agggcggtcca	gctcattgca	ttaacacgac	tatctgtttt	360
ttatctacgg	tgcgtagacc	g				381

<210> 386

<211> 398

<212> DNA

<213> Homo sapiens

<400> 386

ggcacgagac	aaaatgggtt	caccaggcct	gtttacaacg	ctgggtggat	gaaaagcaaa	60
gaggaaacag	tacagccaga	gtggcatgtc	ctcagtgcaa	tgctgaatac	ctaatagttt	120
ttccaaaatt	gggtccagtg	gtttacgtct	tggtatcttg	agatagactg	atctcaaaag	180
cctgtccatt	tgctgcagca	ggaataatgg	tcggctctat	ctattggaca	gctgtgactt	240
atggagcagt	gacagtgatg	caggttgtag	gtcataaaga	aggtctggat	ggtatggaga	300
gagctgatcc	tttattcctt	ttaattggac	ttcctactat	tcctgtcatg	ctgatattag	360
gcaagatgat	tccttgggag	gacttatgtg	cttagact			398

<210> 387

<211> 383

<212> DNA

<213> Homo sapiens

<400> 387

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	ccttgtttac	60
taattgtaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagtaatt	ggattttctg	gtttttttct	taccagggtta	tattttgagt	180
ttcagctaaa	aaactaaggt	tttcttatct	aatggcttta	aatttatata	ttaagccaaa	240

ttcaccattt	tcttgtaag	cattttgcc	aatgccaggc	ttttcaaagt	agggaaagat	300
cccagccttg	aatcctcatc	aattgctgct	ttttgcagca	aacacatatt	atacattgta	360
tttaggaaca	gggatcatta	atg				383

<210> 388
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 388						
cgttgctgtc	ggttttatct	acactataac	ccttgcaagt	cccaatctgg	tcgatgaagt	60
gtaaaacttt	cacgcttcga	tgatgtcact	gcctctgaca	tctttgaaaa	gacgatagtt	120
gtgtgcctgc	tgaacatata	tgaaatgcat	gcaaaaagag	tttggtgaaa	ctctttgtta	180
caacttgctc	tttccgcttc	acattctacc	tgacctctaa	tttaataatta	attgttttgg	240
aaatcagaga	cacaaaaaag	acccacaaga	cttaatgggg	tcccatcagt	catcataatt	300
tgatttgaaa	ggctgaaagc	gggcaccact	gtcattcata	tccaaacagt	actattgaca	360
ggaaatggac	tattaggacc	agctggcaaa	ccactccctg	cactn		405

<210> 389
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 389						
cgttgctgtc	ggaggaagga	agcctgcaga	cagacgcctt	ctccatccca	aggcgcgggc	60
aggtgcccgg	acgctgggcc	tggcggtggt	ttcgctcgtc	tcagcggtgg	gaggaggcgg	120
aagaaaccag	agcctgggag	attaacagga	aacttccaag	atggaaactt	tgtctttccc	180
cagatataat	gtagctgaga	ttgtgattca	tattcgcaat	aagatcttaa	caggagctga	240
tggtaaaaac	ctcaccaaga	atgatcttta	tccaaatcca	aagcctgaag	tcttgcacat	300
gatctacatg	agagccttac	aaatagtata	tggaattoga	ctggaacatt	tttacatgat	360
gccagtgaac	tctgaagtca	tgtatccaca	tttaatggaa	ggctt		405

<210> 390
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 390						
cgttgctgtc	gtcaggacac	cgggagtgga	aggcaaccgg	tacgcgctgg	gtctcagccg	60
ctgcaaaaac	ccggcatcgc	agggcaagag	ttgttccagc	gtcctccgct	gactccaaac	120
cagcgggtct	tgaccaaggg	attccaagag	agaggattag	gcccggctaa	gcacctggga	180
gcagctgtgg	aaaaaggaga	gacaatcatc	aggcacgatg	ccaaaaatga	actgtgacct	240
gaaaaagaga	agaaaggaaa	attgtgcagg	atgctacggt	ttgtttttta	aaagtggggg	300
ttgaggcaat	aaaatacggg	atatttgatt	aacgtaatcc	agaattgtaa	agttgattgc	360
tcgggaggaa	gaaaggactg	ggacacaggc	gatgggccta	cn		402

<210> 391

<211> 417
 <212> DNA
 <213> Homo sapiens

<400> 391
 cggttgctgtc gggaggctga agtgggagga tcctttgaac ccaagagttt gaggctgcag 60
 caagccatga tcacaccact gcactccagc ctgggtgaca gagtaagacc ctgtctcaaa 120
 ctttttttaa aatgaaagaa tccaaccttt ttttactctg acctgcgaga gtgcagaggg 180
 tctggggaac atttgcagaa gcaacaggta ccagccagtg ctggaaggag ctccacctgg 240
 gaggtctcgt cagcctctgt ccttcatggc tgtcccttgt gtcccatgtg gagagccctt 300
 cctccctttc cacatggtaa gcactgagcc caatttcttc tcaccccaca gatggtccct 360
 cagagcagag atgtctaata aaagggttcag attcagatca ctaactttcc atcttcc 417

<210> 392
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 392
 cggcacgagg agacaggact acgcgcctgg agtaggagaa ggaggaaaaa agagaccata 60
 gacttgcata ctggcctaga gcggccctta aagtgccagg gagaggaggg cgggtgggga 120
 ccactccaga attggccgct ggccggtatca tggcgacctg gaacccccct cccaagact 180
 atgaaagtga tgacgactct tatgaagtgt tggatttaac tgagtatgca agaagacacc 240
 agtgggtgaa tcgagtgttt ggccacagtt cgggacctat ggtagaaaaa tactcagtag 300
 ctaccagat tgtaatgggt ggcggtactg gctggtgtgc aggatttctg ttccagaaag 360
 ttggaaaact tgcagcaact gcagtaggtg gtggctttct tcttc 405

<210> 393
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 393
 atcgattcga attccgttgc tgtcgcagca ccattatttg ggtctttcag ggtggccatc 60
 tctgttagaa gacagtagca tgttaacatc actgcattga gtttttgtct ggtgtaaaga 120
 atgactttta atgtaaacaa actgcagggt tttttcaaac taattttaag aatttagtct 180
 tatttcgttg taaactgcgg atctaattat attacattac tctgttcaga tgggatggat 240
 actaccactt gtccatgatt ttcatattgaa aagcaaggat ctatatcatt tccccccaga 300
 cagcattatt taacactccc cttaactgtg tttgaacttt ctcttttaac acaaattgtca 360
 cgtctttaca gttgtaatat caccatgttt cccattgctg ataatactta tatgaacccc 420
 n 421

<210> 394
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 394
 ggcacgagcc aacctgggca gctgcaatga ctctaaactg gagttcagga gtttctggga 60
 gctgattgga gaagcggcca agagtgtgaa gctggagagg cctgtccggg ggcactgaga 120
 actccctctg gaattcttgg ggggtgttgg ggagagactg tgggcctgga aataaaactt 180
 gtctcctcta ccaccaccct gtaccctagc ctgcacctgt ccacatctct gcaaagttca 240

gcttctctcc ccagggtctct gtgcactctg tcttgatgc tctggggagc tcatgggtgg 300
aggagtctcc accagagga ggctcagggg actgggtggg ccagggatga atatttgagg 360
gataaaaatt gtgtaagagc caaagaattg gtagtagggg gagaacagag aggagctg 418

<210> 395
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

<400> 395
tcgaattccg ttgctgtcgg gggtttcac atgttggtca tgctggtctt gaactcctga 60
cctcaggtga tccatcttcc tcagcctccc aaagtgtcgg gattacaggc gtgagccgcc 120
acgtccgggt aacaagtaact tttttatttt tttttatttt tttggatgga gtctcactct 180
gtcgcctcact gcactctagt ctgggtgaca gagcaagact ccatctcaaa aaaaaaaaaa 240
aaaaaatttt ggtaacctta ggggtttaaa aacaacaaaa ttcatttcca ttttggaggg 300
tggaaccccc aaaataaagc ccccagaaaa gccacctctt ttttgagagg ggagggggccc 360
catggaaggg ttggcccctg cccttgagcc cgggtgaacct cccn 404

<210> 396
<211> 403
<212> DNA
<213> Homo sapiens

<400> 396
tcgaattccg ttgctgtcgg gaggatactt tctgtcccc tggttttggg tttgcccacg 60
tggcttgctc tggccttgga atgaagcaga aacgaaaggc tgccagttcc gagcccacgt 120
ctgaagtcgc cttaggtggt tccgcggggc ccgtgcgctc ccaccttcac ccagagggcc 180
ttctctggtg cagccgctgc ttcttcagcc tccgcccaca aggaacggag cccctggcc 240
gatccgcagg cctacagggg gccacagagc gcagcggctg gaccagcgtt caagcccaag 300
cacaggcctg cgagaacctt gttccagccg ccgtttatga tggttgatta tgacgcgttg 360
cagtggcggg agctcaccaa tccagtgcgt gcacccgctc ctt 403

<210> 397
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 397
cggttgctgc gcacttttagg gattgttaca gtcactgttc aatgtgcctt cccatagagt 60
tctttcattc ctttgtcaa caagaaaact tggcaaagcc tttaaataata gaggcccttt 120
tttttttttt ttttcccaa aaaaaattct aatgggggtgc cccggctggg aggggagggc 180
cgaatcttga gctagtgtct cccccgacc ccgaaatgaa gggaattgcc cggcttagca 240
ttcccaagt acggggagaaa gcgggtgtac cccccaccac gctggaatga tcgagtcgca 300
tggaactgag ggtcagacgc gggaagtaag aggcacccgg agcaccatt tggattacgt 360
agggtgctagt ttttggccag gaaccggaga gaatgcggcc tgcattgacn 410

<210> 398

<211> 420
 <212> DNA
 <213> Homo sapiens

<400> 398
 ggcacgagaa tccttaaggg cgagttggca tggatcatct acaaaaattc tgtaagcata 60
 attaaagggtg cagaatttca cgtgtcactg ctttcgattg cacagctatt tgactttgcc 120
 aaagatctac aaaaagagat ttatgatgac cttcaggctc tacacacaga tgatcctctc 180
 acttgggatt atgtggcaag gcgagaatta gagattgagt cacagacaga agagcagcct 240
 acaacgaaac aagccaaagc agtggagggtc ggccggaagg aggagagggtg ctgtgctgtg 300
 tatgaagagg cagtgaagac tctgccaaca gaggccatgt ggaaagtgtta catcaccttt 360
 tgcttggaaa gatttactaa gaagtcaaatt agtgggttcc ttatagggaa gaggttggaa 420

<210> 399
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 399
 cgttgctgtc gagaagttct tcgtcggcgc ctgacgacgc ccaacacctg tccaaacact 60
 gcctgctgaa gatgaagtct tactacagaa attaagagag gaatcaagag ctgtctttct 120
 acaaagaaaa agcagagaaac tgtagataa tgaagaatta cagaacttat gggttttctgct 180
 ggacaaacac cagacaccac ctatgattgg agaggaagcg atgatcaatt acgaaaactt 240
 tttgaagggtt ggtgaaaagg ctggagcaaa gtgcaagcaa tttttcacag caaaagtctt 300
 tgctaaactc cttcatatag attcatatgg aagaatttcc atcatgcagt tctttaatta 360
 tgtcatgaga aaangttggc ttcatacaaac aagaatagga 400

<210> 400
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 400
 ttccgaaaca agccccggctt ttggccgaag cggcctacgg ctgttataag acgacttttaa 60
 tgggtggggag agaattgttag cttttgaagc ttttttatgt agcgcctctt tctttttggt 120
 gataccccag ggggtgggtca cttgtattag agaattctta cagtccttag gggtttctgaa 180
 cagatgtttt tcttccctta aatgggtgaag taccctccacc tcttggccag gtggaagtgg 240
 atgagtctgg accactggga tcagtgcagg gaagagccca gggaaaattt ctggggacat 300
 agagccacat ttcagttttc tcccaggga agaacagatt gtcaggacac tggatcccaa 360
 tgagtgggac gtactaaatt cttagcaagt gcacattaaa attcagggta ggagagaagg 420
 ata 423

<210> 401
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 401
 gcaataaatt gtaaaagaag cattcatatg cttctgttaa atccactgtc tttttttgag 60
 acagaatttc gtacttgttg cgcaggctgg agtgcaatgg caccatcttg gctcacctca 120
 acctccgcct cccaggttca agcgattcta ctgcctcaat ctcttaaata tctcggcata 180
 gaacactcat gccccgcccc ccatcctgac tcagttactg tccatatctc cctcagcctc 240

aacatacctg	ctctcccagt	tttaccacc	tcttacccca	ctcatctctt	cccaccacgt	300
cgtaccacag	caacaagaac	ccattctctc	ctgttcattc	cctcgactta	tccacgacaa	360
ctaatacccc	tgtattcccc					380

<210> 402
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 402						
cgttgctgtc	gccttcctca	aagcatgggt	gctgagtacc	cagagttgcg	aggagttttt	60
taactgattt	agccagggtg	caatcatgag	tgaatggatg	aagaaaggcc	ccttagaatg	120
gcaagattac	atttacaag	aggtccgagt	gacagccagt	gagaagaatg	agtataaagg	180
atgggtttta	actacagacc	cagtctctgc	caatattgtc	cttgtgaact	tccttgaaga	240
tggcagcatg	tctgtgaccg	gaattatggg	acatgctgtg	cagactgttg	aaactatgaa	300
tgaaggggac	catagagtga	gggagaagct	gatgcatttg	ttcacgtctg	gagactgcaa	360
agcatacagc	ccagaggatc	tggaagagag	aaagaacagc	ct		402

<210> 403
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 403						
ggcacgcggg	tgccttctag	cttataacca	ttttccttgt	ctcttctggg	ttgggcagga	60
ctgacactcc	gaacctggcg	gaagaagggt	catcttcctc	gcacagtgtg	ggttccttga	120
gttcatccag	ggaaggcggc	gcctctttct	caggtcctgc	aggctgggtc	ctgagcctgc	180
ccccacgaac	tttctggatt	ccaaggaggg	atgggtgagc	ctttgacctc	tgcagaccct	240
ctacttgcca	aaagcagcat	tgaagcagcc	ttttcccatt	gtagaaggga	cagggagtca	300
gatcccctta	accccccggc	tttcaggacc	ccagaagtgc	cttccaagct	ttccccaaga	360
tccacatcac	ccacgaacct	gccactgttt	ttgctgtgcc			400

<210> 404
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 404						
ggcacgaggg	ccgctggggc	actgcctgcg	ggactggggag	gatctacagc	aggacttcca	60
gaacatccag	gagacccatc	ggctctaccg	cctgaagctg	gaggagctga	ccaaacttca	120
gaacaattgc	accagctcca	tcacgcggca	gaagaagcgg	ctccaggagc	tggccctcgc	180
cctgaagaaa	tgcaaaccct	ccctcccagc	agaggccgag	ggggccgcac	aggagctgga	240
gaaccagatg	aaagagcgcc	aaggcctctt	ctttgacatg	gaggcctatt	tgcctaagaa	300
gaatggattg	tacctgagcc	tggttctggg	gaacgtcaac	gtcacgctcc	tgagcaagca	360
ggctaagttt	gcctacaagg	acgagtatga	gaagttcan			399

<210> 405
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 405

cg	tt	gc	tg	tc	gg	cag	ggg	gct	ag	ggg	gt	gg	ag	ggg	ttc	ca	agg	aaa	ag	gg	cc	gag	ggga	60
gt	t	g	g	g	g	ag	g	g	g	c	c	c	a	c	c	c	a	g	c	a	g	g	c	120
ag	c	g	c	a	a	g	t	t	g	g	a	a	t	t	a	t	t	g	c	a	a	t	c	180
ag	g	a	t	g	g	g	c	g	t	t	c	g	g	t	g	t	t	c	g	g	g	a	c	240
t	g	g	g	c	t	g	c	a	a	t	g	a	a	c	c	t	g	a	c	c	c	t	c	300
t	g	g	t	g	g	g	c	c	t	g	a	a	c	c	c	t	g	a	c	c	c	a	a	360
a	c	c	t	t	t	c	c	g	a	t	c	g	a	t	c	g	a	t	c	a	a	a	a	408

<210> 406
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

cg	tt	gc	tg	tc	gg	cag	ggg	gct	ag	ggg	gt	gg	ag	ggg	ttc	ca	agg	aaa	ag	gg	cc	gag	ggga	60
gt	t	g	g	g	g	ag	g	g	g	c	c	c	a	c	c	c	a	g	c	a	g	g	c	120
ag	c	g	c	a	a	g	t	t	g	g	a	a	t	t	a	t	t	g	c	a	a	t	c	180
ag	g	a	t	g	g	g	c	g	t	t	c	g	g	t	g	t	t	c	g	g	g	a	c	240
t	g	g	g	c	t	g	c	a	a	t	g	a	a	c	c	t	g	a	c	c	c	c	a	300
t	g	g	t	g	g	g	c	c	t	g	a	a	c	c	c	t	g	a	c	c	c	a	a	360
a	c	c	t	t	t	c	c	g	a	t	c	g	a	t	c	g	a	t	c	a	a	a	a	405

<210> 407
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

cg	tt	gc	tg	tc	gg	c	g	t	t	c	c	t	a	g	a	a	t	a	a	t	a	a	t	60
t	t	a	t	g	t	g	g	a	t	a	c	c	a	a	a	a	a	a	a	a	a	a	a	120
a	a	c	c	a	t	t	a	a	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	180
a	g	c	t	t	g	t	g	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	240	
c	c	a	a	c	c	t	g	a	t	a	a	a	a	a	a	a	a	a	a	a	a	a	300	
c	t	t	t	g	c	t	a	a	t	g	a	a	a	a	a	a	a	a	a	a	a	a	360	
c	t	a	t	g	c	a	g	a	g	a	t	c	c	c	c	c	c	c	c	c	c	c	409	

<210> 408
 <211> 402
 <212> DNA
 <213> Homo sapiens

cg	tt	gc	tg	tc	gg	a	a	g	a	g	t	t	a	a	a	a	a	a	a	a	a	a	60
t	t	a	a	c	c	c	c	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	120
a	c	t	t	g	g	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	180
c	t	g	c	t	a	t	t	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	240
a	g	c	a	t	g	c	t	g	a	a	a	a	a	a	a	a	a	a	a	a	a	a	300

cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	gctaaaagcc	aacctgatta	360
aagaagctga	agaaatgtgc	tcaaagttta	caagggaagg	aa		402

<210> 409
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 409						
cgttgctgtc	gccataatgc	aactggtagc	cacagagtag	ttattcattc	atttcccaga	60
tcatcatgaa	ggacacttaa	ctttgttgcg	aagctctttg	gtgaataata	gaactcaggc	120
caaggtagcg	gaggagctgg	gcatgcagga	gtacgccata	accaacgaca	agaccaagag	180
gcctgtggcg	cttcgcacca	agaccttggc	ggaccttttg	gaatcattta	ttgcagcgct	240
gtacattgat	aaggatttgg	aatatgttca	tactttcatg	aatgtctgct	tctttccacg	300
attgaaagag	ttcattttga	accaggattg	gaatgacccc	aaatcccagc	ttcagcagtg	360
ttgcttgaca	cttaggacag	aaggaaaaga	gccagacatt	cctct		405

<210> 410
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 410						
cgttgctgtc	ggccggcgcg	gcctcctgct	ctttgtggat	gaagcggacg	ccttccttcg	60
gaagcgagcc	accgagaaga	taagcgagga	cctcagggcc	acactgaacg	ccttcctgta	120
ccgcacgggc	cagcacagca	acaagttcat	gctggtcctg	gccagcaacc	aaccagagca	180
gttcgactgg	gccatcaatg	accgcatcaa	tgagatggtc	cacttcgacc	tgccagggca	240
ggaggaacgg	gagcgcctgg	tgagaatgta	ttttgacaag	tatgttctta	agccgggccac	300
agaaggaaaag	cagcgcctga	agctggccca	gtttgactac	gggaggaagt	gctcggaggt	360
cgctcggctg	acggagggca	tgtcggggccg	ggagatcgct	cagctggccg	n	411

<210> 411
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 411						
ggataagaaa	tattcagctt	ggtttctttg	gaagtatatt	tggattaatg	ggtgtataca	60
tttatgatgg	agaactggta	tcaaagaatg	gattttttca	gggatataac	cgactgacct	120
ggatagtagt	tgttcttcag	gcacttggag	gccttgtaat	agctgctgtt	attaagtatg	180
cagataatat	tttaaaagga	tttgcaacct	ctttatcgat	aatattatca	acattgatct	240
cctatttttg	gcttcaagat	tttgtgccaa	ccagtgtctt	tttccttgga	gccatccttg	300
taataacacg	tacttttttg	tatgggttatg	atccccaac	ctgcagggaa	atccacttaa	360

<210> 412
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 412						
cgttgctgtc	gctggatcac	ggctgcta	ctggatgaag	cccatgggaa	cactcatatg	60
gtggagagga	tcattgaccg	agccatcacc	tcgctgcggg	ccaacggagg	ggatatcaac	120

cgggagcact	ggatccagga	tgcctacgaa	tgtgacaagg	ctgggagtgt	ggtcacctgc	180
catgccgata	tgcgtgccgt	gattgtgatt	gggattgagg	aggaagatcg	gaagcatacc	240
tgcattggagg	atgctgacag	ttgtgtaacc	cacaatgccc	tgggtgtgtgc	acgagccatc	300
tacgcctacg	ccctgcaggt	gttccccagc	aagaagagtg	tgtggctgcg	cgccgcgtac	360
ttctagaaga	accatggcac	tcgggagtcc	ctggaagcac	tcctg		405

<210> 413
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 413						
cgttgctgtc	ggggcatcag	ccccctcccg	ggcggagagc	gcttcccgtc	cccttctttc	60
cactgggacc	ccatccggga	ccccttgagg	gattccttacc	gagaacttga	cattcaccgg	120
agagacccgc	tgggcagggg	cttcctgcta	aggaacgacc	cgctccaccg	gctctcgact	180
ccccggctgt	acgaagccga	ccgctccttc	agggaccggg	agcctcacga	ctacagccac	240
caccaccacc	accacccacc	gctgtctgtg	gaccctcggc	gggagcacga	gcggggaggc	300
cacctggacg	agcgggagcg	cttgacatg	ctcagagaag	actacgagca	cacgcggctc	360
cactccgtgc	accccgctc	cctcgacgga	cacctcccc			400

<210> 414
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 414						
gagaagcaca	cctacacctc	atgggatctt	gaggacatgg	aaaaataccg	catgcagtcc	60
atccggagag	agagccgtgc	tcggcataag	gtgaaagggc	ctgtcatgtc	ccaatatgat	120
aacatgaccc	cggcgggtgc	ggacgacttg	gggtgggatct	atgtcatcca	tctgcgtagt	180
aaatcagatc	ctgggaaaac	tggacttctc	tcagtggcag	aatgaaagga	gagccgccat	240
gcagccaagg	ccatcagtcc	cgagggagag	gaccgcttct	ataggaggca	tcccgaggca	300
gagatggaca	gagcccacca	tcacggaggg	catggttagca	cgcagccgga	gaagccatcc	360
ctgcctcaga	agcagagcag	cctgaggagg	aagaagctn			399

<210> 415
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 415						
aaaggggtggg	agtgggggcta	cagataaaaa	actatacagt	aagtataatg	tacactgctt	60
gggtgacagg	agcactaaaa	tcttataatt	cactgctata	taattcacc	atgtaacgaa	120
aaaaacgctt	ataccacaca	agctattgaa	aaaaaaaaaa	gtatccotta	ggaatacaat	180
tttttttttg	aggtgttacg	gcaggtgacc	tattttttatc	ataaactcaa	aagggtttgg	240
ctaattttta	catacatact	ctaggggcta	atttcacagg	gtagcacaag	gctttaacaa	300
tttccttgct	caattaaatc	aatttaacaa	taaactggaa	aatgaaag		348

<210> 416
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 416
 atggcctttgg cctctgagtc tttccaagta gtggcggttg tgggtctgcc ctccgcaaga 60
 catctgtcgt gagtgtgact cttcttcaga tcagcaacag cagtcggtcc ctcccccgaa 120
 ctcatctca agccagtcag taagactctc ttcaaaggga gttgtcctgt aagtcctggc 180
 aaccgagtgg tgcagcttag gagtgtctgt atgcgtttta aaacggacag ctggccgggc 240
 gcagtggctc acgcctgtaa tcccaacact ttgggagggtc gaggcgggag gatcacttga 300
 gggcaggagt tcaagaccag cctggccaac atagagaaac cctgtctcta cgaaaaaaan 360

<210> 417
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 417
 gggaaatttg attattgata aatcatttga tattagttag aaattgttaa ttaagagtga 60
 taatgacatt atgggttatgt aagaaagtgt ccatatttta gagatgctaa tagaaggatg 120
 aagaaataaa atgatgtgac ttttgtgttt gcttaagtta ctttggtaaa gaaagaaata 180
 ataaaaaac taaatgaagc atatttgttg aagatcattt gaccatatac acaagagttt 240
 atttctgggc tctattttat tccattgggc tatttgtctg ttttcatgcc agcactacac 300
 tgttttgatt actatggcct tgtaatatgt tttgaaatca ggan 344

<210> 418
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 418
 ttccttcaaa ttctgtctat atagtatttt agcaaacctg tgctagtaac attagaaaaa 60
 aaataaattt actaaccaaa gactttatga aggtcataca tgaagaaatg ggtgttttag 120
 taagaaacag aaatttctta agcttctcat tagatttctt tagatttttag ttcaaaatag 180
 atttgagtga gtttatttct gatgcgttgc tttaccctg 219

<210> 419
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 419
 gatgccttga gagtttctctg ttgcacaatc tgtttgtctg tagagaagtg gcatccagag 60
 ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaagaggg 120
 ccttaggtcc tcaggaaagg ggaaagggag ggatattggc cttccctcca ggtcctcata 180
 tttgttgccc cttgttctgg aacggacca gaggttgcc ttcagagggt tctaatttac 240

tctgtattcn	tgtgtggaaa	agcaagaggc	agcatgtcca	gtggactgtg	agactgagca	300
ctctaaagcc	agtaggggtca	agtcactggg	agccccactgg	cacc		344

<210> 420
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 420						
cagtacattg	ggcaaataat	gattacgatg	agaggcatga	cagtgaatgg	atgaaacgat	60
tctgtttttg	tttttttttt	ttcccccaaa	attgagtcce	ctcaattttt	ttcaccgtta	120
tccacagact	tcaaaggctt	aattactgcc	tgttagattt	aggagggttt	aaattttgcc	180
ccctatgttc	cttgaaaaca	ccgctcttta	aaaaaggggg	aaaaggccgg	gggcgggtggc	240
tcaaacctga	aatcccaacc	tttggggagg	ttgagtcagg	cgggttcacaa	gggcggggaaa	300
cctacccttt	ttactaacgt	ggttaccccc	gctttactaa	actcccaata	ttg	353

<210> 421
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 421						
cgttgctgtc	ggatatgatg	ttttattcct	agcctttcct	caacacatgg	attcattctg	60
caaagcaggt	gagagaggag	gcaggtcagg	tctttactag	aaagccttac	ctgacaccag	120
atgctgtaga	gaaacccagt	ttctagaagg	ctgtcattgt	ccacagggtct	ggggagaact	180
ctttttttct	tgcacatctc	aaccctcttc	atttggggaa	ttcacatttg	tgtaagtctt	240
ggtggaagac	aggatcctgt	ttctggtcaa	ggaaaataca	aggtcagata	tggtgtctcc	300
ctgaacggtg	gtgtgtgaat	caggggttct	cagagaaaat	agaaccaata	ggggcttggtg	360
tgtgtgtgca	cgtgtgcacg	n				381

<210> 422
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 422						
ctaatacata	ggataaatac	ttgagggtgat	ggatacccta	tttaccctga	tgtgattatt	60
attcattgca	tgcctgtatg	aaaatatctc	atgaaaccat	aaatatatac	cctagtatct	120
acctatggaa	ataaaaatta	aaaaaataat	aataattaaa	aaaacagtaa	agcagacatt	180
ataggggaagt	tttcaaaaaa	agaaactaaa	ataaggtaaa	ataacaaggg	ctcaatcttc	240
tgtttttgnt	cattttattca	cactgctgcc	taacataaaa	gaaatatatg	aacataaatg	300
ggaagaaatt	ccatccagaa	ctctatcata	tttacctttt	ttaaatcttg	gttaaaaa	358

<210> 423
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 423
 ggaagaaatg catcactagg ggttgattcc caatctgatc aactgataat gggtgagaga 60
 gcaggtaaga gccaaagtca ccttagtgga aagggttaaaa accagagcct ggaaaccaag 120
 atgattgatt tgacaaggta ttttagtcta gttttatatg aacggttgta tcagggtaac 180
 caactcgatt tgggatgaat cttagggcac caaagactaa gacagtatct ttaagattgc 240
 tagggaaaag ggccctatgt gtcaggcctc tgagcccaag ccaagcatcg catcccctgt 300
 gatttgcacg tatacatcca gatggcctan agtaactgaa gatccacaaa agaagg 356

<210> 424
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 424
 tactgtcatt tgtgcatatg tagttacatt ttcctggaaa gacctctctg tcttttcaaaa 60
 ttgttatgtt ccttgaagac ccaattcaaaa attaaactttg tgggtgtgaaa aatttctttg 120
 ccattcctta gaaggaataa ttattcctga catacttaaat atttgatatg tattactatt 180
 ttatcgctac ctttggatac ttgtgtgtct ttactcacct cataaaaggagg ggttttatgc 240
 accggctaata ctaacaacta cttcttataaaa tccgtgtatt aggacttggt aattttataat 300
 aaaggcccgt cgtgcaactg cgtgctttaa actataaaaaa tgggggcttt acacag 356

<210> 425
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 425
 catttggcag cagtgaactg tctcaggaag gcatttttaag gggagctggg attgtcatcc 60
 tagggaaaatg gcctttttggc agcattgaac tgtctcagga aggcatttta agagggctgg 120
 aattgtcaat tgtcactacta gggaaatggc cttgagcgaa taaaaactat gctaggggtt 180
 gttcaagtct ctttgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtctgg 240
 gggtcangtg ggtgaaactg tgctgaaatt tgcagatcgt ataggccaac ggtgaggcct 300
 aaatgaaaag tgtgctcata gaggcccgat gtaagtttgc gcataaaagg g 351

<210> 426
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 426
 atattccttc cacaattcct cttactggaa tattgagggg agaaaacaga ttgatgaaaa 60
 acgtgcaaag ccagattact taacagttcg ctttcgcaag tctgaacact gaaagacagt 120
 aggtaatatt ccttagagta gaggagaaag taatgtaaac ctgggggttct tccctcaccc 180
 aagatgggtgt tatcagggtta aggtgacaga taaatatttt ttggtatgaa taatccaaac 240
 aatatatcag gcttaagtcc ttcctgaaag aaaaatgttc aatcacttaa aagagaacag 300
 tataaggccg gacgtgggtg ctgacgcctg taatcccagc actttggggag gccgaaga 358

<210> 427
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 427
 tggaagaaga agaattgtct tgggccacac ataaaataca ctaacagtag ctgatgagct 60
 ataaaaaaaa aaaaaaaagg ggctggccat atttttcagg attccccct tcccaaataa 120
 ccaaaaaagc cctcccttta aaggggctga acatggttgt taactgcca caccagtacc 180
 cataaacccc atggggcttt gaaatttta ttttattttt tatctgataa agttaaatt 240
 ttagtttctt gcccgggccc ggggggtccc ccttattccc caccactctt gggaggcccg 300
 agctctggtg ggtcccaggt ctaaataaat atatacctctt cttcg 345

<210> 428
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 428
 tgtgcgaatg cttcacattt tccataaatc aaaagggaaa aaaaagttgt gagtgaatg 60
 tcattaacca ggacatttta gaaatgcaga acctggactt ttgattgcac accatagata 120
 aaaatgcagg aaaccatagt ttccaactca tggcaccatc attttgtatc tttggggcta 180
 taacttgccc tgggaagaac tatttcattt ctcaacaatt ctaactcttc ttctgaggaa 240
 tcccagttac tactgagaat gagtccaata acttccttca atgttaagtc agtgatccag 300
 ccagaatcag aatatattctt a 321

<210> 429
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 429
 attttaagat aaccttgaaa agaatggaaa tgggtacatca tttgaaaggt agtggggaaa 60
 gtaagaaagt gtggaacagg aaaaaaaccc aagaacttaa gaagtaaaag caggtaagat 120
 taaaaaaaaa aaagactata aaagaagggg gaaaaaaaaa catagaaaaa aaatcgaaac 180
 acatcagtga ccagaataaa ggcaaacagt cactactgcc agttaaaga cagattctag 240
 gccaaagcgtg ggggctcacg cctgtaatcc caacactttg ggaggccaag gcagatgggt 300
 cacctgaggt caggagtttg agacctgcct ggccaacatg gtgn 344

<210> 430
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 430
 ttcaggactg tgagaaataa atgcttttta gttataagcc acccaattta tgtgttttgt 60
 tataagatcc cccaatggac tcagacaatt tggctggcca gttctggctc tgggtctccc 120
 atgaggctgc catcgtagat cagccagggc tgcagtcac tcaaggcctg actgggggca 180
 tcttgagggc tggataccac aagtacctac catgagctag gtggtgtaca agtaatatat 240
 agcaacaaca atcataatgt acaattggaa gttatttcat gtttactatg tgtccagatg 300
 ttaagtactt tccctgagtt acctccttta tcttcataaa aaccctacaa atttgggtctg 360

ggtatcatc

369

<210> 431

<211> 360

<212> DNA

<213> Homo sapiens

<400> 431

aggggcttcc	cagacctgtg	actgactgaa	cacgtgtgtg	tcattacagc	aaagaccaat	60
aaggcttgca	ggaaaaactt	gttgaattct	ctttgacct	aagtcaccca	cattcattta	120
actgtgaagc	tcttttcctc	ccactgcgta	gcacccatg	gatctatcat	tctttaaaat	180
cggatggga	aattctgggtg	tagataccat	ttgttaattag	atagagtctc	ttaacctctt	240
tggaacatac	gccttttgag	aaaaggatgg	tcggaaggga	ttgtgcacaa	ttctgtgctc	300
ttcgaagccc	accgaagacc	cgctccatg	atcagggaaa	gcaaagaagg	gaacaaaaaa	360

<210> 432

<211> 355

<212> DNA

<213> Homo sapiens

<400> 432

gcctgagtga	cagagtaaga	ctccgtctca	aaaaataaat	taaaaaaaat	tttttaattct	60
acataacact	gatatataga	aaaaatgacc	atgctgaaac	actgtggatt	ttagaagcaa	120
tgcgctgttg	atagcccaca	atgattgtca	gttcacatgc	aagagtccca	atgcaacctg	180
aggattaata	tgcataaaac	cgcagttggt	ctaaaggtag	aagttactta	catgcacata	240
cataatgtac	acctacacgc	agttttttta	aagacagaag	aatgtcaat	agtaaccaat	300
gtcaacagca	cacgttataa	gtgtggaatt	atgggtttct	tttagtttt	ctata	355

<210> 433

<211> 392

<212> DNA

<213> Homo sapiens

<400> 433

cggtgtgtgc	ggcaggctaa	tgtttcatat	gcattgtattt	tatttttatt	taaagttatt	60
tttacatggc	agtggaaatg	gccttcatct	gtcaacatta	acccattgg	acttgcaggg	120
cactccctta	aaaggaactg	tcgcttaggg	gattaggcaa	ctaaaccgga	cctcttgaat	180
tacttcttca	ctgtgctttc	tgaggaaatg	ctgattgggt	actgctaaag	attccactaa	240
caattcaaatt	tggggatcct	tgttcccatg	gcattgaaaat	gcccattgcc	gcattgaaaa	300
atgctgaggg	tctgaaagac	agattgtttt	gtggaaagta	aagagctctg	gtctggaaga	360
agctgtttcc	cttaagcgtg	ttcgggtgtg	at			392

<210> 434

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 434

tcagcctccc	aagtagctgg	gatcacagg	tatctctagg	atagcttcta	acccaacatt	60
aagcactaaa	ataaatattg	cttccctttg	cagtctctcc	tagggccagc	caagatggaa	120
tgggggatgg	tcagaggaaa	aaggggcaga	gagtactctg	cctcatccag	ttccaaatgt	180
tggggctcct	caaggctcag	acctaggccc	tcttctcttt	cctctctaca	ctcttttctt	240

agaagtcacc	tcatctgttg	ccatggggtt	gggtaccata	gttatacact	ggtaactcca	300
aaatccacat	ctccagccca	taactctcct	ctgaatgccca	aattctccac	ttgggn	355

<210> 435
 <211> 308
 <212> DNA
 <213> Homo sapiens

<400> 435						
ggtctcgaac	tccccgacctc	aggtgatcca	cccgccctcgg	cctcccaaag	tgctgggatt	60
ataggtgtgg	gccaccatgc	ctggccaacg	caaggtaaac	ttttaacgtg	gaatagaaaa	120
aataattttg	ttaaatccct	gggatggaaa	taacatagcg	acaaaaagag	tacatctttc	180
tctcacatgg	caaaagttttc	ttcttgatgc	tacagtataa	aagtaaaaag	cacggtttca	240
gtcttccacc	agatgtttta	ccccaatccc	cactgttggt	tttcacaaag	cttttgggat	300
cacctggt						308

<210> 436
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 436						
cgttgctgtc	gatttgaaaa	ggttggtgtg	tagttggtct	gtaattaagt	tgcagattta	60
aaactgctgt	tagcttttgta	aatcaaaaata	taggtgtttt	ttgtcctggg	atatcgatcat	120
tccagctgca	gatggaatcc	cattgatctt	ctagctacca	ttcattttct	tactgtttca	180
caaaagaaga	gtgtgaaatt	cagtgaatgc	tggtactaat	cctgttacga	gatgaatctc	240
atctcaccaa	aattaaatta	tgtttttccg	ctaaaatgat	gatacaagtt	gaagacacat	300
cactctgaaa	ttggaagacc	tcaccactta	aggctccaca	gtggcttact	cagctgaact	360
ctaggttact	act					373

<210> 437
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 437						
ttcttttttag	gtgtattata	atcatttgct	tacatcagtt	tcctttacaa	aatttaggac	60
agaaatctag	tctgattcat	tctgatacta	ctagagcata	gtagaaagta	gaatcttatt	120
aaacttctgt	tgatttgatt	aaaagggtac	ataacgaagt	gaaggcagaa	ataaagatgt	180
tctttgaaac	caatgagaac	aaagacacaa	cataccagaa	tctctgggac	acattcaaag	240
cagtgtgtag	aggaaaattt	atagcactaa	atgcccacaa	gagaaagcag	gaaagatcca	300
aaattgacac	cctaacatca	caattaaaag	aactagaaaa	gcaagagcaa	acaca	355

<210> 438
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 438						
tagaatttta	ttctatctaa	ttcgtttata	ctcccagagt	tcgaaattac	attttaccta	60
caataaatga	gataaacactt	gcaaattata	tggtactctg	cctaacacac	gttaataact	120
caatacatgt	tagcaataaa	cttttagtat	agtagtcaaa	gtattaattt	ctcacattgc	180
aaagttcctt	caaagacatg	aatacaacct	ttctaataac	tccttggtca	tcaagatacc	240
tcttcaaatt	attctattta	cttcattcag	tatattatct	gtgtataaccg	atatgatatt	300
acactctttt	ttttttttga	aagggaatct	aattctgtaa	cggaggcggg	g	351

<210> 439

<211> 348
 <212> DNA
 <213> Homo sapiens

<400> 439
 acatttgcca cacgggttggg agtccttctt tcttctgtctt gacactaaca cggctctttat 60
 actcgacctt tgtccctctt gtcttttttt tctctctttt ttttaactaa tggagacaca 120
 ggcataggtt aaaatcagag atatcttgct cagggttttca gagcaaacac tgtgttccag 180
 cccacagcat acaatagtat atgcagaatt tagacactat cttcccaaac taaagagtga 240
 acacctttca gtacttttcta gaacaactct agaaagaaat atatagaaac agcaaccaag 300
 tatttagcag tttttctaata ttgtaagacc ctttgggaaa aaaagaaa 348

<210> 440
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 440
 gagatttggtt acggattttta gacatcttct aagtaactcc acagaagact ctcaaaacaa 60
 aagcgtgacc tcaacctgcc tatagggtgcc ctagtggaga atgcttgata ccagggtgaca 120
 acccccacgc gcccacaatag tgcaagaaca aagtggaggc cagagaagggt gctggtagtt 180
 tcttcttagt tctcagaagg cttatctgat gatccactca cctctccttc caccttaagg 240
 gaagaatgga agataataag caaaacttct agaaagagca attagccctt caacttctaa 300
 tatccagggtg ngtcagttcc cagtgcagaga ggtaagtggg caatggtaag ctgtgccaca 360
 caccaggtag 370

<210> 441
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 441
 ttctcttttt ctgagggttct gaaacaaaaa caaaacgtag gctctgcaac agctgaagga 60
 gcttttgaaat tctttctgaa gaggaatttg actttacctt accaatgcac ttctgtgtga 120
 tgctatatcc gctaaagagc aagacaggac ctcagaggca cagtgtctca ctgcagaatt 180
 tcctcttggc cattcgaaat gtattacagc gttctgcacac aaggtcttca cttattctgg 240
 tatctgtaat atgtatacaa agcaactgag ggtcctgtta aaaatacaga tttggccggg 300
 tgccgtgggt catgcctgta atcccagcac cttggggaggc tgaggcgggc agatcacaag 360
 gtc 363

<210> 442
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 442
 attgcaccac tgcactccag cctgggtgac agagcaagac tgtctaaaaa caacaacaac 60

aacaacaaca	aaaaaaccat	aaaagaaaga	aaaagagaga	gaaaggaagc	aaggaaggaa	120
ggaagatata	aaaaagaaaa	agaaagaaaag	aaaagaaaag	gaaagaaaag	aaagaaggaa	180
agagaaagaa	agaaagaaaag	agaaatcgat	cgaaagaaaag	aaacaaaaaa	agaaagaaaag	240
aaatccatct	agtagctctg	tgttggggga	ttaaagagac	aaatactggt	ggctgggagc	300
ccagtgagga	agctgtgggg	aggaagtaag	tacattggga	tgctcagaga	ctacn	355

<210> 443

<211> 367

<212> DNA

<213> Homo sapiens

<400> 443

tacagggaaa	gggaattcca	aaccaagtgc	acagcacaaa	caaataaatg	aagacctaaa	60
gcattgaatc	tttcatggac	acttctaggc	ctaaatccct	tgactttata	aatgtcatgg	120
taaattgcat	aatgcataatc	atcatgccaa	aattcatatt	ttataatgcc	atatgttaga	180
tctccttact	gtgggtttcac	ctgaggcaat	cttctgaaat	tttctttaaa	aaaatgaaga	240
gttgtctggg	cgcggtgggt	cacgcctgta	atcccagcac	tttgggaggc	cgaggtgggt	300
ggatcacctg	aggtcaggag	ttcaagaaca	gcttgacaaa	catggtgaaa	ccctgtcttt	360
acaaaaa						367

<210> 444

<211> 356

<212> DNA

<213> Homo sapiens

<400> 444

ggatcaaatac	cattgcagga	atgaaggatt	tatttttttt	tcagtgtctg	aagtactgcc	60
aacaaataac	cctcagctct	cagtcacctt	gtggattgcc	cctgctaaat	aaagccacca	120
gagcctgatt	tatgcctctt	cctgaggtgg	cctgtttcca	atgacagacc	actgttggag	180
tatgaaggcc	taaccagctc	atctaatttg	gggagagctc	taaagaataa	ggttattttc	240
agctccagag	tctcatgaca	tctcaaaacta	catcatagct	catcatcttc	tgaccaaaaca	300
gccttcttca	tttctctgtc	atgctattgc	tccaaagagc	atttctaat	aaacct	356

<210> 445

<211> 354

<212> DNA

<213> Homo sapiens

<400> 445

caccatcata	tatgcatttt	gttggtgacc	gaaacgtcgt	tatatattct	ttccatacat	60
agcatgtgga	aagaatagat	ctcttttttt	taattgttcc	acactttacc	atataatgga	120
atacgcaaaa	tttcacaata	cctttcagga	tgtaaaatac	atataacctt	tgacgacatt	180
agaaaagaga	aaatgtgggc	cgggcgcggt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggccgaggc	gggcggatca	cgaggtcagg	agatcgagac	catcctgggt	aacacggtga	300
aaccccgctc	ctactaaaaa	tacaaaaaac	tagctgggag	tggtggcggg	cacc	354

<210> 446

<211> 183

<212> DNA

<213> Homo sapiens

<400> 446

tgggttccgc	tgtgagaaca	cgacagatgg	gttcggctgc	catatgacga	tagacaggta	60
ctcgctgcga	tttcaactgac	tgattgtctc	cgtctccata	atttttctaa	ttgttactgg	120
tgggagtctt	ctccctgtct	tgcctttttg	tttgtaatgt	cttgacagtg	ccgcgatccc	180
tcc						183

<210> 447
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 447
 tcagcatata accctagatg atcttgcgt gaagatgaag gagatcacag acaacatctt 60
 gccagggctt gagttttaat gctggcgctt tagatatcct gttgggctac aaaaacatgt 120
 caggcaagat gttaagtttt gtttaaagca tcaagaattc caggcccggc gcggtggctc 180
 acgactgtaa tcccagcact ttgggaggcc taggcgggcg gatcacgagg tcaagaggtc 240
 gagaccatcc tggttaacac ggtgaaaccc cgtctgtact aaatatacaa aaaatttgcc 300
 ggccgtggta gcgggcgctt gttgtcccag ctacttggga ggctgacgca g 351

<210> 448
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 448
 tataaatagt tatcaaatat tcacagtatt tcaggtagct ttttaagtcc tttggaaatt 60
 ttctataatt aaaattttaca ataattcttc gagatagcaa ctatgattat tccaactttt 120
 aaaaaattga agtttagaga ggataaacia ttgccatgg ccaggtagct actaagttac 180
 agttccaaga ttcaaacata cagcttgact ccagagtcta tgcttttaata caataactta 240
 aactgtcttg atgtagattc tgatgggata ttcagctatt tctcctcaga attgtatatg 300
 tgggaatagt atctgaaaaa cttggattcc tttatatgta aggaaaa 347

<210> 449
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 449
 ttccagttcc tgcttcataa cagatgctca acagatgttt attgattatg aaaaggatcc 60
 ctgaaaagct ttctcctgga attagactct cagccctaga atagagcaag cctgcagaaa 120
 cgagaactgg aggccttgaaa gtcctccata actgggttga agagaaacca ttttctgtga 180
 atcttttttt tttttttttt ttttgaaaaa ggaatttttt tttggggccc gggggggaac 240
 cccagggcct gctcgagagg tgcggaaacc ctgggtcgaa aagaccaccc aaagacgccg 300
 cgccaacctt cttttttctg gggaaaaaag ggggctgccc ctcccc 346

<210> 450
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 450
 catagaaatc caccattcac gtaagttttg gcctgggtgtt attgcagtct cttaatttag 60
 ccaacaaaga aggttggctc aaagacacct gtttttgcac gtaaagtatc aggctggaag 120
 gcttggctcg gcattggttt agcaacagga ctttcatttg tgatagttca gtcacgtcct 180
 ggggaattga ggagaagatc caccctacca aaggccagtc ttgcttttagc accaaagaat 240
 taattttaaa agtttagagt ggccgggcat ggtggctcac atctgtaatc ccagcacttt 300
 gggaagccaa ggtgggcaga tcacctgagg ttaggagttt gagaccagcc 350

<210> 451
 <211> 369
 <212> DNA
 <213> Homo sapiens

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<400> 451
ggattattga gaacaacaga attcaaaacc cttgaaaaag aaaatgatgt gtatctatat      60
ttaagcaga aatacacaaa cacacttata gtaactacaa ataacatcta gtagctcaga      120
cctattgcca tttatttcat gttcaatatt gtacagacaa catactatga aaagtgatgt      180
accatattta tacgtatata ggtgaatttc aatccaacac taagataatt actttatggt      240
gtagaaccat atataaatac ttttttgccc tgctctaacc attgcttatc aagactttaa      300
gattatgaat gaatgggcat acttattata tatagaaact attatttgat gaagggtact      360
tgcattcct                                     369

<210> 452
<211> 357
<212> DNA
<213> Homo sapiens

<400> 452
agaatagctt tcatcccaaa atttgcttgg aaatagttag atcatttgat ttaattttca      60
cttttataaa ataagtgtag gaatccataa attgattact tcatttgaaa cacaaattca      120
gtaggacgta atgcatgaaa taatttaatt tttgacatgt acatcgaatc ataatttaaa      180
aacaaggtct gaccagggtg agtgccctcat gcctgtaatt ccagcacttt gggaggccaa      240
agtgggtgga tcacctgagg tcaggagttt gagaccagcc tggccaacat ggtgagaccc      300
catctctaca aaaaatacaa aaattagcct ggtgtggtgg tgcacacctg taatcct       357

<210> 453
<211> 264
<212> DNA
<213> Homo sapiens

<400> 453
gtgtgtagtg atcatctgta gttgttcaaa cgctctctga agcttatgct cttgttcatg      60
tcccattttt gagttgtgcc tacatgatgc tggcaacaga taagacatgt agttttaata      120
aatcactaac ctttatattc tgcttatttt taaattataa attccatctg tgtaaatagt      180
ttctctcttc ttgcacttta ctaaaagcag taaaagaaa ccattctgag gctgggcacg      240
gtggtcatg cctgtaatcc cagc                                     264

<210> 454
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (352)
<223> n = A,T,C or G

<400> 454
tggctctttt gtttttggtg tgttcatttc acagcanatc agtgagcgtg tccttactgc      60
ctggccccag ttcaagtcct ggtgttagtg cttcggtctt gaagtcagat gacctggggt      120
caagcctgtg ccttgccact ggggtggtga gtggccttgg gcaagctatt tgctaaactt      180
tctgtttctg catgtatata aagtgaataa gactgattcc tttcctttgg aaggctgttg      240
aaggtcaggc ctggccactg attcttataa ttctttttac taaaagcaga ccgaaaagtt      300
taggatcgct ttggggccac tcctcttgaa ttcaagcctt gccccctttt cc          352

<210> 455
<211> 350
<212> DNA
<213> Homo sapiens

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<400> 455
tacctccagg catgtggaca tgatggctag agctacagtc acattttttt ttttaatacca      60
tgaggcaagt ctttggatga aagttagggg ttaagtaagg agaaacagaa gaatcatagg      120
cacctgggcc actgttggtta ctacagagct tctgcaccag ctctacctaa gaagaatatc      180
tcttctaat cttagtata tgtaggaaaa gaactctcta tttgtttaag ccattttttt      240
tcctagactc tcttataagc agcaaaaaaa agtcccaatg tgggtggcccc tccccatagc      300
ctctgaaatg aaagaaatgg gttagaaggc agaagtggat atagatgaat      350

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<210> 456
<211> 380
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

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<400> 456
cggtgctgtc gggattatta tgtttggaag attattatatt ttgaaagaca acttttctgt      60
tgccaaactg tcttctaaag aggttggtca catttctagt ctactaacia tttatgaaaa      120
tgccacactt ccatggggga atattaaaga ctttgctga aatgatagaa ctctattggg      180
tagtggctga agtaagtttg agttggtaaa tcaggggtca gattatggaa aaacttacat      240
gttggagaat cagctattct cttgggtgagt ttcttctttt tttgacagat taacaacttt      300
ccagcaggcc aaatgagaat tattggctag ctttgtggag ctgtgaggga accctcttan      360
aagatttctc attctctctn      380

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<210> 457
<211> 395
<212> DNA
<213> Homo sapiens

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<400> 457
cggtgctgtc gatttttgaa ttttttcgta gagacagggt tttgctatgt ttctcaggct      60
gggtctaaaaa ttccagagct cagggtgatct gctcacccta gcctcccaaa gtgctgggat      120
tacagggtgtg agctaccgca tccagccctg aatattcttt cagaggtagg gttttgtgtg      180
ttttgttttt agttcaagca gtttgactac atcctaagggt ataaagggtac taataaacia      240
gtcagttttt cttttgtgca tttttcttta ttttagagcc ttcaggggaaa ttttttttta      300
gaaagatcaa gagaaggcca ggcgtggtag cttacgctgt taatcccagc actttgggtg      360
gccgaggtgg acagatcacc tgaggtcacg agttg      395

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```

<210> 458
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<400> 458
cggggttggg gttgccgata ccactgctgg tatgctgtgt aaaaacagcc ttgtttgagt      60
agattgcgag gctatcgcta tattgacttc cctcttcagc tgcgttattg aggatcacia      120
cttattttgc cagcactcta cgctatggga ccacatagag gtgctctaag atagtaacat      180
taaagaggac atataatata accaaaaatt tgagttccag ataagtttg tgtctcacta      240
gcaagatgac gttaaataac tcatttaatt tttttgaaat ctttaatttc tgttctgaa      300
aataaaaagc aatctgtctc ttgtccaaaa gactatgtag gggttttaaa aatttt      356

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<210> 459
<211> 393
<212> DNA

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<213> Homo sapiens

<400> 459

cgttgctgtc	ggtggcgggc	gccggtagtc	ccagctactg	ggaggctgag	gcaggagcat	60
cgcttgaacc	cgggaggcgg	aggttgcagt	gaaccaagat	cgcgctactg	cactccagcc	120
tggcgacaga	gggagactcc	gtctcaaaaa	aaagccgggc	agaattaatg	atthttgaagc	180
tccgagaaac	aggattaaat	tcctctttca	aaccgaaatc	ggaatttgat	tttttaaaag	240
tgtaaaatac	cataaacttt	taaggttagt	tggtcggtaa	ccatgtcacc	aattttaagg	300
cactttctga	gttggtgtata	gtttctccag	agccctaggg	gaaatgtttt	gcaaaatatg	360
cacgttttagc	tttccaaaac	aagttgtctt	ttt			393

<210> 460

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 460

cggaaggaa	gattacctgc	tgtcaaatta	gaaaattaca	attaaaccat	tgatatttcc	60
gtgagaagag	aaaactagta	accgtgaaga	agtgagggaa	aacaaatgat	gacgtcatgt	120
taacaatagg	aaagacatgt	ccttttgtaa	aagatgctgt	cacccatcac	agactatttc	180
ttccaatatg	gatttgcaaa	acatgacagt	cgagctcacc	aaatctctcg	tggttgccgt	240
ggggcagggc	gaggtggccc	acacctgtaa	tcccagtact	ttgagaggcc	aaggagggag	300
gattgcttga	gcccaggagg	tcaaggctgt	aatgagccat	gatcan		346

<210> 461

<211> 353

<212> DNA

<213> Homo sapiens

<400> 461

ccatgtgagg	tgacgcccc	ccctgcttcg	gctctccctc	tgtaggctgc	accactgtgc	60
caaccagtcc	caaagagatg	taccaggtag	cttagtgagg	aatcactcgt	ctctgctgc	120
aatcacactg	ggagctgcag	accagagctg	ttcctattca	gccatcttgg	aacagacctc	180
ccatggtagc	atcttttaaac	tgaaatattg	gacagagagt	ttccattgct	gtagtatttt	240
gcttaattat	tatctttata	gcagggataa	tagttgacaa	aaaggaagca	tgaaagtttt	300
accatcactg	agtctgctag	gccttttttg	gggtctagta	atgcagtttt	aaa	353

<210> 462

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 462

gagtagcagc	agtgacttaa	cagatttttt	tttcattgct	gctgcttctt	aatccctttt	60
gagcctcaat	ttctttttgt	ataaaaaggg	aacaataacg	atthttgtaga	gatgaggtat	120
gcaaagtctc	tggtctcagt	gagcactcag	taataagagc	tatttattgg	gccaggattc	180
caactacttt	cataaaaata	gcaggaaaag	caaatggaaa	gctgacttga	tggtagggga	240

ggcttctgcc caccaactag ttccacgttt ctcaaccctg cactgaatgt taaaatcacc 300
tggggaactt ctgaaaaatt atgatgtctg gtcccaaccc catggan 347

<210> 463
<211> 359
<212> DNA
<213> Homo sapiens

<400> 463
cgggtgactc aatgtattca caggcttcaa aaatatgctc taagaaaaaa atgggggaaa 60
aggaacagtt tttcatttca aaagaattcc agccaatgaa tgtcaaagga aagagggaaa 120
tacagtatca ccattaggca aacaccacag taataattat tgctgataag atccactaat 180
ggatgctaag attaatgggc aaaagttgag gagaaataag atatttgccg aagcctcaaa 240
ggtatctccc tcaagatatt tattaatata agccgtgcgc ggtgggtcac gcctgtaatc 300
ccagcacttt gggaggccga ggcgggcgga tcacgaggtc aggagatcga gaccatccg 359

<210> 464
<211> 225
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 464
ttccttcaaa ttctgtctat atagtatttt agcaaacctc tgctagtaac attagaaaaa 60
aaataaaattt actaaccaaa gactttatga aggtcataca tgaagaaatg ggtgttttag 120
taagaaacag aaattttctta agcttctcat tagattttct tagatttttag ttcaaaatag 180
atttgagtga gtttatttct gatgcgttgc tttacctga ttacn 225

<210> 465
<211> 397
<212> DNA
<213> Homo sapiens

<400> 465
caattctgca cgagcctagc tacagggtttt aggtatgata aagacttggt taccacaaat 60
agctgaccag aaaccataat tgggcggagg caagcatcag ctgaccaagc attttccaag 120
ccaccacagt gattcagctg ctctctctcc tgcattctct atggaaaaga tggaccaaac 180
acagctagga catcaagctt taaaacccaa gcaaccttgg cacctcacac aatggccagc 240
tatgaacctc acctggatcc acaccactcc aatttgcaac cccctctca gctccccagg 300
tactatctcc tttagccatg gacctttaag cactggaacc ggcattggcg tattcttttc 360
ctccgcatgg agtgcaaccc ttctccact ctgcccg 397

<210> 466
<211> 347
<212> DNA
<213> Homo sapiens

<400> 466
tagataagta ttggtcaact ttgatgaatc acccataacc ttaaactaat aagtcaaaac 60
ctctttatac tttgacaaag caccattaga tgattcttag gtccaccaa ggttgataat 120
cactggccta gatgatacag caataggtaa aactagggtg acagcagtgg aaatggtagg 180
ggataactac caagaaactg ttttcagtaa gaactaaaag gcattacaga ttgatgaat 240
gtaagaatat gaagacaaac agtcaaagat ttaaatcttg attactgaaa aacttacgat 300

actattaaaa gattaagaag tcaggaggag cttaaaaacc tagagaa

347

<210> 467

<211> 366

<212> DNA

<213> Homo sapiens

<400> 467

agggcaagac	tatacagact	ttaactttga	attcccccaa	attagtagag	gggttagtac	60
agagaaagga	cttgatacat	ttttatacac	ttttgaagaa	taaattgata	tttatttagt	120
actcagtgtc	agccaagcac	ttaaactctt	tacattcatt	accccatggc	atcctcacag	180
ccttctgagg	tagaaagact	caactgaagg	tcagtaaagt	ggggagggaag	gcacgacttg	240
aaactcaggtc	tgtctgactc	cagatgtctt	agaaaggtag	aatctttcac	ttggaagaca	300
gtatgggttaa	gatcatgttc	tccgggccgg	gcacagtggc	tcacacctgt	aatcccgaca	360
ctttgg						366

<210> 468

<211> 346

<212> DNA

<213> Homo sapiens

<400> 468

tacctgtgcc	caagcagaca	tctcccccaa	tttgtgtatt	tacaccctc	ctgcctgcag	60
aaaggatgaa	acaggattac	cctcaaattt	acagctataa	ttaaactatt	attaaaatcc	120
aggtaaaaaa	acaagagcac	tgcaaaagaag	agcgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgtgtg	tgcgcgtgta	taaaaattct	gtcacacaca	cctgggctgg	ggcagcttct	240
ctgggatccc	tgaatcacag	agtgcctagca	ccagaggggc	tttcagagat	aaacacgctt	300
cacctgtttt	tatataggac	tgacacagat	taagagattt	ggcagg		346

<210> 469

<211> 189

<212> DNA

<213> Homo sapiens

<400> 469

atatacgtgt	atTTTTTggg	acttgccctgt	ttctgttaat	atcggagtgt	taaagaacat	60
ctctgagtaa	tttggTTTTg	tcattgaact	atTTTTtagta	cattcatgtc	tgaagagtga	120
tgtgacttga	gaactaagct	tcttctgtct	ttacattcat	cattTTTTcca	gaagccacgt	180
agtgtgccca						189

<210> 470

<211> 348

<212> DNA

<213> Homo sapiens

<400> 470

gggaaatttg	attattgata	aatcatttga	tattagttag	aaattgttaa	ttaagagtga	60
taatgacatt	atggttatgt	aagaaagtgt	ccatatttta	gagatgctaa	tagaaggatg	120
aagaaataaa	atgatgtgac	ttttgtgttt	gcttaagtta	ctttggtaaa	gaaagaaata	180
ataaaaaaac	taaatgaagc	atatttgttg	aagatcattt	gaccatatac	acaagagttt	240
atttctgggc	tctattttat	tccattggtc	tatttgtctg	ttttcatgcc	agcactacac	300
tggtttgatt	actatggctt	tgtaatatgt	tttgaaatca	ggaagtgt		348

<210> 471

<211> 187

<212> DNA

<213> Homo sapiens

<400> 471
 atatacgtgt attttttggg acttgccctgt ttctgttaat atcggagtgt taaagaacat 60
 ctctgagtaa tttggttttg tcattgaact attttttagta cattcatgtc tgaagagtga 120
 tgtgacttga gaactaagct tcttctctgct ttacattcat catttttcca gaagccacgt 180
 agtgggc 187

<210> 472
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 472
 agtgggaacga tatcttcaga acgctgagag cgaagaattc tcaacctaga agtattccag 60
 agagcgtacc ttctatgaat gcagataaaa taaagacaat ttgtagataa acaaaaactg 120
 cagcatttat taccaaggga ctaaagtaat gtctaaagaa tctatttcag gaaggaggat 180
 aaacatgg 188

<210> 473
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 473
 ggcacgagct ggggaggagc caaagccttg gcgctcacct aagccgcagg gagatacacc 60
 caactgggag atgaggaaac agcaaccac agaggagaac taaccacac aggatcattt 120
 cgtgaaggag caaggctgaa gaaccagacc tggactttct taggcaagta aattctgatt 180
 atatcacgga gacttgcttt gagaaatctg ccccttttca ctgtgagatg gcgtcattaa 240
 cacatctagt tctctcctaa gcagccagca aacattttatt atacactaga tatttatattg 300
 gcatttgaga tgatacaaag gaataaaatg gggcaattag ctctagtaat ttggagggtct 360
 caacttacgg atattccaag ttcctttgaa acg 393

<210> 474
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 474
 tgtgtctaag gaactgaatg tttaatgtga cttaattttc attgacttat aagcaacaat 60
 gccacctgaa ctttagcatt tcttatatcc tcagcccatt ttacttttag caccctagca 120
 aacattcaga agtgacatgg tcatttttct ccttctggga tggagcgttg gctctcttta 180
 ttgtcattaa gatctttgaa agcaataaga agatataatt agccgggcat ggtggctcac 240
 gcctgtaatc tcagcacttt gggaggccaa ggagggtgga tcacctgagg tcaggagttc 300
 aagaccagcc tggccaacat ggtgaaaccc catctctact aacaatgcaa aaaattagcc 360
 gggcctggg 369

<210> 475
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 475

tctccatctc	aaaaaataaa	taaataataa	aggtaggggt	ttcttaattc	ttttagacag	60
atatcctcac	attaatctgt	aaaggacaaa	aaaataagac	tttaaactct	taatttgaaa	120
agatatctcc	atttaaactct	cctttgctta	ttttattgac	cacctccttt	gcggatttca	180
tttcctatcc	ttgatttaga	aaaagggtta	gggccgggtcg	tggagggtca	tgcctagaat	240
cccagcacct	tgagaggctg	acgcagggtg	atcatgacgt	cacgagatca	ngaccatcct	300
ggctaacaca	gtgaaacccc	atctctacta	aaaatacaaa	aaattagccg	cgcggtgtg	358

<210> 476

<211> 365

<212> DNA

<213> Homo sapiens

<400> 476

ttagcctttt	gtatgctttt	actggataat	tttctctaag	gtagaggggtg	aggagctata	60
tattatgtaa	catttttagaa	atagcagaaa	accatttagg	gggaagaaca	cacacaaaaa	120
ctaccgcgata	acttctttcc	tgattaaaat	tatcttccaa	caattcaatt	atatgtaaag	180
agggaaaccgt	ggctacacac	gtattttatta	actgtttctg	gcggtccaga	ggaagctgga	240
ttattttttac	cataacaaaa	tcaagttttt	ttcagccggg	cgcggtggct	caagcctgta	300
atcccagcac	tttgggaggc	cgaggcaggc	ggatcacgag	gtcaggagat	ggagaccatc	360
ctggt						365

<210> 477

<211> 366

<212> DNA

<213> Homo sapiens

<400> 477

gcgctctgtg	gctgggcatt	ttaaacctga	cctttctggc	tctgagtttt	tccatttttaa	60
acctgacctt	tctggatcca	ggcgaaggca	gagacaagat	aaaataggat	tattggatgg	120
cagaatgtat	tcaactattt	ctcctgaaac	ttggaaccgt	attataccat	gggggatacc	180
acactgacgg	aaacgggtgga	taaatgtgag	ttcatatata	ctcctocaca	aatatacatg	240
tctcatgctg	ggcgcatttg	ctcacgcctg	taatcacagc	actttgggag	gccaaaggccg	300
gcccattgact	tgaagtcacg	agtgtgtgac	cagcctgacc	aacatggtga	aaccctatgt	360
ttactc						366

<210> 478

<211> 367

<212> DNA

<213> Homo sapiens

<400> 478

ggatcaatac	aacaaagttt	tctgttttaga	aaatacaaaa	aaaaactata	aatctctaaa	60
gaaaaaaggc	cgtgtcctct	gaactatgcc	acagatatag	aatgtagaaa	gattgtataa	120
tcattacatg	tttaaagtag	atggtgaaag	cctagctcgg	cacctaggac	ggcacaaagt	180
aaatccttaa	caaatgcctg	taagtagtgg	gtacttttgt	aaagaaaagg	ctccatgttt	240
ttgttggtct	ggagggtgtg	gtgtgtgtgt	gtgtgtgcga	ccctcaacac	cgccacataa	300
ttactaacta	accctgtgta	cggtagtccc	ccctttttct	tataaacggc	ccctcattct	360
ttatttc						367

<210> 479

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 479

gcacccagca	cgggataaag	aggctgtgag	aaggatgaac	agatttttgg	aagacgcaca	60
tttttgtaaa	gctaactcag	atagacttca	ctccgtcctc	atgccctgcc	agtatcttta	120
attttaaaag	aggaagaagg	aagcatcgtc	tcttctcccc	aacagataat	actgggtgct	180
ctgtgcacag	ggtgacatta	aaaaaattaa	aaaattaaag	aggaaggaag	gaagcaacgt	240
ctcttctccc	caacagataa	tgccagggtgc	tctgtgcaca	agggtgacgtt	atccattcat	300
tcctctctca	ggtgtgggag	tgagggtagg	ggagggcatg	gcaacgatgg	cctttgccag	360
ggacctn						367

<210> 480

<211> 337

<212> DNA

<213> Homo sapiens

<400> 480

acaacaaaac	aaaaccagggt	gtagtgtggc	tctaaaggaa	catctgacca	ggttcctggg	60
gaaccagggc	catgggagga	agaagggact	cttctccccc	gagaagggcc	tggagatgca	120
gggactgtca	agtcactttg	gccaactttt	tttgctcccc	tagaatgaac	tctgcactaa	180
aagtggagaa	tcacttctat	gagagaaaga	catacaaaga	aaagatataa	ggcaatgcta	240
cagtaagttg	ggcatatcta	tcaaaattta	aaaacatgta	tactctttga	ggagtcctat	300
tctttcagga	attcattttg	cccttattaa	ctatatac			337

<210> 481

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 481

ttggmctcgg	ttggacagta	tgacagaaag	ggacacagggt	tggagcacag	aaagaagaat	60
catagagggtg	ccaaaggaac	ttagacataa	tgatgtcggt	caagccaaca	agccaagctg	120
aagtaaataga	aaccataccc	aacccttacc	caccaagcag	ttttatggct	cctggatttc	180
aacagggtct	gggttcaatc	aacttagaaa	accaagctca	tgggtgctcag	cgtgctcagc	240
cctatggcat	cacatctccg	ggaatctttg	ctagcagtc	accgggtcaa	ggaaatatat	300
aaatgataaa	tccaagtgtg	ggaacagcag	taatgaactt	taaagaagaa	gcaaaggcac	360
tatgggtgat	ccacatcatg	ggt				383

<210> 482

<211> 355

<212> DNA

<213> Homo sapiens

<400> 482

ctcttgcggt	gagggaaagc	aaggggacca	tcccttgcca	ccattatctg	gtaaatcccc	60
catgtgatgc	ctaatacctt	ccatccaggc	atctaggcct	accccaaatac	agcaagtttg	120
aaaggacttt	gttggtttata	tatacatttg	cttcattcag	ctatgaagca	ccctgtctct	180
taccagacct	gcacctcca	ccccactgat	ttgcttttgg	gttggttaaag	ggttgcgata	240
cactgcactt	gccagacata	cctctaaaat	agctgttgac	tcttgccctca	tccctaaact	300
ctcctgctgg	gagacccctc	ctattctata	tgcgacgctt	tcattgtgtg	acccg	355

<210> 483

[illegible]

<210> 487
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 487
 atactctctt atatgctaga gatagacccc agctaattgag ctctccctag aacagggtatt 60
 ctgtcactca ctcacacaca cacacacaca cacacacaca ccttttttta 120
 cactgagaga atgagaaaaa cattaacttt tagctctccg gtggccatat tttcttaaag 180
 gaggaatca ttacacagta aagcattaat ggccagtgtg tgcttaattt aacaacacta 240
 caaattcatg tagagatgtc tgattctcta gagaggaaac tgtcattcct tagctgcagt 300
 cccctcttca actgaagaaa tacatttcac cactaggggt ccacagggga acaaagga 358

<210> 488
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 488
 aagttagttt tgcagctctc cagcatatag aagagcagtt ctatattctg atttctttca 60
 ttatagtga ctgacttcca ctggttatgt gggtaagaag ggtctctgac aatttataaa 120
 acaagatggg gaaaggagac cagcaaagca tgtatataaa acatttggtg cttttttaat 180
 caaggagacc agaaactgtg gtagtgcccc aacgctttga ttgaaggccg ctgtatatgt 240
 agtgatttcc tcatgacata ttccgactga ttcagacttt ccacagtgtc tattagctca 300
 ttctgtgect caattcttct gagcacattg tcccattaag agtagtcaa agg 353

<210> 489
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (353)
 <223> n = A,T,C or G

<400> 489
 cgggggtgga gcttcaggta tgaatttttc tttctctttt tttagtgggc acagctatga 60
 tatcagaagg taggcctgga accaagctga tgggagaggg aagacctgaa ctggtcagta 120
 taagaaggaa atgatatatg aacaggaatg aaatggggcg cgagtgggtca tatagcaaag 180
 aagggaagtgt gggcagtgag tgctgatgg ctgcggaggt tctgtttcaa acgataaaaa 240
 aaaatttttag aaatggacac aacattggcc gggcacggtg gctcacacct gtaatcccag 300
 cactttggga ggctgaggcg ggtggatcac ctgaggtcag gggttcgaga ccn 353

<210> 490
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 490
 tactgctttg tgaggaatgt aaaaaagact aacggaaata atgcaatgat ttacaacgta 60
 tgaatgatgc ttaaaatgta gtactaataa aagataataa ttattatgca ctatgattac 120
 tgtgcaagtt ttaagaatga aaactctccc taacacttgg aagtgagcac actaccattg 180
 tccaatgtga aaattacaga acagctccca cacactatag ggaagatctt tctatcatca 240
 ggacagagac aaacctagct gtccttcta agaactctat tcatatactt atacacagac 300
 caccattaat acaccatgag ttctgtcaag gaatcttatt tat 343

<210> 491
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 491
 ttcactgtct cctcactccc aactgtgggc agccaggtgt gcttctacat tgcaggtctg 60
 gcccacatc cctgctgca gacctccact ggcgcccccg tgacctcag gatctgttcc 120
 cagctctgga acaggctctc cggacccctg gccactggca ccctgggcag cttacctcgt 180
 cccactcctg atagccccc aatgaccact ttatgcttca gccaaatcta gctgttgaca 240
 gctcctcaaa cgcttgggct ggctaagcct ctacagtctc catgactctc ttctgagccg 300
 gaaacacctg cctcctccct acgtgcattc attcccaccc ccgaaacggg acaaactcct 360

<210> 492
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 492
 agtcataagc atcttttcaa cacttgactg tttcctgtga aatgtattta ccctcataat 60
 agttctagta aacagaccct gcgatttggg ttgcttgagc ccattcctggc tcttcagcca 120
 agatgacaaa tttataaaatc catttctaate acatcatcat ttagcaaatg ctttatttct 180
 ggatccaaat ttacatgtct acctgaatct aagattttat gcttatcacg gctatggaga 240
 gaacatctct tcctattttg tgagcagggg atactagaac aataaagcgc tcgctcatga 300
 cccan 305

<210> 493
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 493
 ctccaggagaa ggttagaatt cactataaca aaagtaatag ggttattaat atgactagta 60
 ttctaagact ctcttaatat gtgggagcag gttagctcagt ttacgggtag acattttatgg 120
 gtaagtaaca acattgggtga agtgcaaaac cctctctcct agcacacaca acacacacat 180
 acgtacattc tttttctttc acacagacac aaacacactc ccatggacaa agaaatgcta 240
 cgaagaattt ccttctctca aatatgctgg atgactctgt taggttttcc cacatagaat 300
 ggagacttga gtgttttagtc tgggccccac gcatgcagat aagcaccaag ttggat 356

<210> 494
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 494
 gacacagggtt ggagcagaga aagaggaaac atagaggtgc caaagggaaca aagacataat 60
 gatgtcatcc aagccaacaa gccatgctga agtaaatgaa accataccca acccttacc 120
 accaagcagc tttatggctc ctggatttca acagcctctg gggttcaatca acttagaaaa 180
 ccaagctcag ggtgctcagc gtgctcagcc ctatggcatc acatctccgg gaatctttgc 240
 tagcagtcaa ccgggtcaag gaaatatata aatgataaat ccaagtgtgg gaacagcagt 300
 aatgaacttt aaagaagaag caaaggcact aggggtgatc cagatcatgg t 351

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<210> 496
<211> 346
<212> DNA
<213> Homo sapiens
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<210> 497
<211> 347
<212> DNA
<213> Homo sapiens
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<400>	497						
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ctaggaaaaa	cagttctcaa	aagtagaggt	ggacagcttc	tcagggatct	cccaagctct		120
gatgactctc	tcaactctgc	ttctctctgg	gttcacagct	agattctctc	agaaaaagtc		180
ttggaatata	ggatggaaaa	aaaaatccag	ctgctgcacc	tatagattca	cagctctgagc		240
ttctcccacc	accctctcag	cttttctgta	tcaaaattcag	gagaaggtta	actagcctgt		300
cttgaaccgt	atgtctatct	ctgggataat	ctctgcacct	gagaaan			347

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<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G
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127

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gcgaaacctg	ggccctctga	tatatgcacc	tgtggacgga	gactcttctc	tgctctctat	240
cccttgtcag	atgccagggt	attagatatg	gctatccttt	ccccacacct	ctttaccatc	300
tggaagccc	cttgggattc	actgagtga	tagcaatgga	agtttgtaca	ctangccgat	360
agcactgn						368

<210> 499

<211> 288

<212> DNA

<213> Homo sapiens

<400> 499

ctatgatcca	ggtaagagtt	gggggaactg	cagagtgacc	cgagctaggc	cagtgcacttt	60
ggagttagtt	tctttacctc	tttgggcatt	agtggcctcc	tctggggctg	gacttagagt	120
cttgggagtc	ttttagtgcc	tactttgttt	tatttctgag	ccaaagtgat	ttggataata	180
cacagtactt	aaagaactga	agccaagcca	gcttccagtc	cctggggcca	gtatatgtgg	240
gaaaccggtg	cctactgagt	ccccatggga	tgacacaggt	actgcct		288

<210> 500

<211> 393

<212> DNA

<213> Homo sapiens

<400> 500

cgttgctgtc	gaacacaatt	agccactttt	tcagctacac	ttctcactca	gctgcaccct	60
acactttctca	ctcaggtgca	cccccttctg	ctgtcctttc	cccaacgtac	tggtgccga	120
gcgtgggtggg	tatttgccac	actgggtgcc	agctcagcag	ccccccacct	ctctttattc	180
tctccaaagc	tggtctttct	gactatcatt	gtggtagggg	gaggacagat	gctaaagggtg	240
gaagctgacc	tggaagaaaga	gacacacggg	gtgactgtgg	caaaggacag	ctggaaaaga	300
aactctatca	cttcttcatt	ggcaaccaca	aggcacctga	ggccatggca	ctcccagagg	360
ctgtgctgcag	agccaagcct	ctcaacctct	tgc			393

<210> 501

<211> 368

<212> DNA

<213> Homo sapiens

<400> 501

taatattttt	aggagataca	gggttttggc	atgctgccta	agctgggtctc	aaactcctgg	60
actcaagcaa	tccacctgcc	ccagcctccc	aaagtgtctg	ggttacaggc	atgagccact	120
gagccccggc	ttaagacatt	tttcttacga	gggtattttt	agcccttagg	gaaatttatc	180
atgaaagcaa	tagagttcag	agcaagaact	ctggaatcag	agctcatatt	tgattctgga	240
taaaacctga	agagttatat	aaccttggag	aagctaactg	ccattttgaa	ccatagtttc	300
ctcacgtggg	aaaagggttt	catgttaata	tatataactc	atggattata	atgaagacta	360
catgacaa						368

<210> 502

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (387)

<223> n = A,T,C or G

<400> 502

cggttgcgtgc	gcaggtgggc	atgaacgttt	gtaaacacac	cagcactgat	gcctccacat	60
gggtggccct	ggagaatgcc	ccaacagagg	tcaggacagc	tggggacgcc	gtctcagccc	120
tggtggccag	caccgcctta	cgtcaggagg	ctgcagtgcc	aaggacagca	agctatctaa	180
acccccagtg	tgtgcctcgg	ggagctanca	nntataangc	accattaaat	aaattggttg	240
tgacctgaaa	tgaaggagg	gcaatagctt	tgtaaattgg	gttacatttt	tctccttgaa	300
tttttctatg	gtcctagagc	tttccaatca	tttaattggca	ttgtcggata	tctttttacat	360
ttcaattggc	atccatgaaa	ttacatg				387

<210> 503
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 503						
ttgcccaggc	tgagagtgca	gtgatgtgat	actggccttac	tgcancctct	gcctcctggg	60
ctcaagagat	tctcctgccc	cagcctcctg	agtagctggg	attataggtg	tacaccacca	120
cgcattggtg	cttttttgga	atgaaaaaaaa	agatggccat	aaacatagcc	tgtaggctct	180
tccaattctc	gtaacccaac	ctcctgaacc	cctagcatta	aagtgggtct	tcagaaaaaa	240
gggcagccat	tggggaccct	cagaaaaaaa	gggattttcc	cttttctttt	attaacaaga	300
ggccgggtccc	cttgggagaag	agcagggttcg	ccttcgaggg	ccgcgatatc	gccg	354

<210> 504
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 504						
cagttactca	caaaagacca	cgtaccaaaa	taattgcggc	cttttccatt	aaatacaata	60
ccctataaaa	ctggaagaca	aactgggctt	gtgatttcca	gccccaaaga	ataagatagc	120
cagatgcttc	tggcctgtat	agcttatgga	ttaacacatg	cgatgtcaag	atattcaccc	180
agactttgaa	caccattaaa	aataacatcc	tttttttgta	acttgaaagg	cacagatgta	240
cggagcctct	gctttgcccc	cactacctga	cttattgtaa	acgcctttct	tacataaaca	300
tgcatacctt	aacatcagag	atacattctt	tgagaaatgt	gaagccaggc		350

<210> 505
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 505						
gaagtggagg	tggcggggag	cctagattgt	gcctttgcac	tccagccagg	gtgttaagag	60
tgaaactcca	cctcacaaaa	aaaaaaaaaa	aaagcccctt	tctaaaaaac	gccctggaac	120
ttaaggattt	ttacccgaaa	gcctttggtc	ttttacccac	ccactaaggg	tcttttcaat	180
acccccctga	aacccttggg	cttctgggaa	actggatggg	aaacacatgt	ttgggggaacc	240
ttgccccaaa	agcaatatgt	ctccccaaaag	ttcgggggtgg	ccaaggactt	tcctttgcag	300
aaaattaatt	tgttatttta	taaaagggcc	cccgggtggac	cttggtt		346

<210> 506
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 506
 cggttgctgtc gggagatgct ggtcattctg gagaagctgc ggaaagtaac aggcaacgag 60
 atgctggggcc tcgaggaggg ggaccttgaa gacgacttcg accctgcca gcacgaccag 120
 ctcatgcaca agagctttgg ggacgagttc tacggggccg cggaggagga gaagccacaa 180
 tttgaggaag aagaagggtc tgaagacgac tggaaactggg acacgtggga cgggcctgag 240
 caggagggat actggagcca gcaggagctg cactgtgagg accccaactt ctacatggac 300
 gccgactacg accccagcca gccgagggaag aaaaagcgcg aggccccctt gacgggcaag 360
 aagaaacgca agtccccctt cn 382

<210> 507
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 507
 gtccgttgct gtcgggctcc tgttgcaata tgaggctgat ctggaagctc tggggggggg 60
 gagattgtcc ctgctgtctt ttccagctat tgggtacagc attttgggca ggagaatcta 120
 ggaccatgcc acatcaggtc tctccttaac ccattccatt cgactgttat cacagctatg 180
 cttccagagt gctctgcgca ttttcacgat cagcaaaca tgagcaaatc tctgttctgg 240
 aagctgggaa gtccaggatc aaggcactgt catctggaac ctgaggagag acttcttctt 300
 gcatccttac atgggggggag acaaaaagagt ggcagagaat gaatatactc ccagcccatt 360
 cgagagggaa gagccctcac ctcatcactt tctgt 395

<210> 508
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 508
 cggttgctgtc ggcggcccac attgtccatt attcaactgc acgtgtgtgc tgcgtgcttc 60
 acatcctcta ttgagagtta cagcaagtgt taaacgaggt gagttcacat aacaggaatt 120
 ctggaactgc ttgaaaacta ggacgattgg gcaatatcgg gcttaactcc acctgatggc 180
 aggtgaccgg gatagaaaat ggccctgcgt ttagccagga tgtggctctc cagcttgggt 240
 tcagtgtgat cacttggcag tgcgctttct ctttcgatag tgaaatcctt ctctatacct 300
 atgttttgct ttggttctta aggtgggaaa cagaatgggc cacggagggt gagtgactga 360
 agaccaaggg ttggtgcagc ctctc 386

<210> 509
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 509
 aaggctgttg tcatgtggca gagagaaagc cccttatgcg cgttaggggc cagaagtgg 60
 cgctgggtgtt tgtgcacggc tgtgagtaag cgcgtaataa ataaatcaga acgagatgga 120
 cggagaccat gcgctgtgct ttcacacctg tcatccccca gctgaggagg tttctgacct 180
 ccatacccgt cctgcagcct tcgagcaaag gtgtggaaag gaaaataacc catatcgaaa 240
 tcagaacaac ggtgttttaa aaatacgaat tgagtctggc caggcggtgg ggctcacgcc 300
 tgtaatccca gcaactttggg aggccgaggc aggtgggtca cctgaggtca ggagat 356

<210> 510
 <211> 352

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 510
ctaataagaca tccaaatgca gcctacttgc aagcaggagt taagtcagtt tcaactctcgt 60
atcttgtatt tgtgccccca gcccttggag cgtaatgaga aggagccggc ggcagggaga 120
caggaaccac aggactccac tccagctgtg gattctaacc cagacctctt cccccacatc 180
cactaattct tcacagaacc tttaaactgg gtgtgggctc tctgcaagtt tcgctgtggt 240
ttctaagtcc ttagtggttg atccacttga caactaattt ttttaagttg gtagctccct 300
gcggtatttg acagtttttg gtttggtttt gtttttgaga caggggtctca cn 352

<210> 511
<211> 298
<212> DNA
<213> Homo sapiens

<400> 511
gaggcgggag gataagtctt aaagctgcgt ttgcaaaaca agcatgtggt tactgggagg 60
cataatagct tgggcagctt ttgggaagag ctgctacaat ttgggagggg tgctcagtttc 120
acacctccca tcaaaggaag gtgaggaaat ccaactagact tacatcctcc aggccaaaag 180
ctagaaagtg tccttttacc tgcattgctc caactgcgtg tccctgacgc cctgggtttca 240
tggtgctcct gtacctactt taaggagact caccctcgct gctcacgaac gaaagagg 298

<210> 512
<211> 348
<212> DNA
<213> Homo sapiens

<400> 512
tttggtattg ccggtattat tgatggtaaa ctgactaaaa tcatacatgg aataatagaa 60
atcaggccta acatcagata gacttttcca ttcagttaag ttattgtgta gcaaaattta 120
ttttgtcagt tcaactacaca atgtgacagt atatagtttc tctaataagag taacattaaa 180
gaggacatat aatataacca aaaatttgag ttccagataa gtttggtgtc tcaactagcaa 240
gatgacgtta aataactcat ttaatttttt tgaaaactta attttctgtt ctgtaaaata 300
aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaa 348

<210> 513
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 513
acattcatca atgctctgga ccatagcatg gtgaggaaag ggtagagcag ctcaagtgcc 60
caaggcccag agcctgccag gccaggatag gagagcatcc catggctgga ggagccctgg 120
ggcagccact gccctctgcc tcccatagct ccagacacaa atcaacaggg ctggcggggc 180
tcccagtgtg tagcctaggg caggataggg gactcactgg cagccaggct ttctaagcca 240
gagggccctt ggagatcttt cactgtttgt tccattttac agtcagtga actgaggccc 300

agagaggggaa agtaactttc ccaaagaaac acagcaactg agtggcacgg ctgggattgt 360
aactcccn 368

<210> 514
<211> 349
<212> DNA
<213> Homo sapiens

<400> 514
cacatacgcg tttctatattt tcttcctctc ctctgatct ccttaaaaat gaatctagag 60
ttgggtggctt tttccccctc ctctttggcc agttccacag ttcagttctt cctgaaaaca 120
gggatgatga acttgtagga tcaggacaaa tgtgtgtttt tcaaaaactt aaggctgggt 180
gtgaaacacc ttctgtggac aaggatttgt aaacttctct cctccctcca gctgcggccc 240
cagcctaact gatagttact tgattcagtg tgctagacac ttaaatagca tctatgtctc 300
tttcaaggga atttgtcaaa taatgcgtgt tagctaattg ttgcaagca 349

<210> 515
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 515
tccattgcag ggtatcgcca ggtgccttga acttcccag gcaagaagac cctggagaca 60
ggtagcaggg tggccagggc tgggggtggct tcaaaaactca cagacaagca gatgcttcaa 120
gtctgggaag cctaagccca ggtggctgca attctgatgt cacctagata agccactgtc 180
aactctgcca tccccctccc caggctcaga ggctgaggac agagaagctg gggttgtgcc 240
ccagntcttt ctagtaagac tcaaaggaca aagggtgggc ccaggaaca tgggtgaccc 300
tggcctcatc ctacgtgccc attgcttgca gggcaagggc tccagcttg 349

<210> 516
<211> 383
<212> DNA
<213> Homo sapiens

<400> 516
cgttgctgtc gattgagttt aaqcatgttc caagagaaaa tacaattaat gaatagtcac 60
aaggttgcta atctgatcaa tgccgggtga taggacattt aatctgattg tctgtgactg 120
caattgcaca gagctttggc agccaagagg accgccctgg ctggcaagag cgtttgtagt 180
ctggtcactc cttgggggtg aggtggggct ggggagctgt gatgtaaaca gatgtgggga 240
ggagagaagg cgcccagagc atgagaggaa ctggctgaaa ggatcgaaca cagggaggtg 300
agccacacaga aagtaggtac ctttcatgcc aggaatggga gagacagccc catttttttt 360
tctgagacag agtctcgaag tgg 383

<210> 517
<211> 361
<212> DNA
<213> Homo sapiens

<400> 517
cctaattccc tcacaagcat tcagtccttc caccctgagg tggtgaaatc cctgcaggca 60
tttataagta tacctggaca gaagaaatac aagataccgt tctattaact caatatagt 120
ttgctaagtt cgtacttttg ctttgggttat tttattttat aaataggtat cactcgcatg 180

gttccaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatgctc	cttccctgca	240
ctcagcaacc	gagatattcc	cgctacgggc	actcaaagg	ttcattgtct	gaaatatcag	300
gctaaacgta	gttcatgggt	aggaagcaac	aaccgtaaat	aatccccatc	caaacggagg	360
g						361

<210> 518
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 518						
gggtgaagca	agtaaggagc	ataccttagt	cacagcccg	cccttgggtga	atgggtgtac	60
tataaactaa	atctgcctgc	caatcatggg	acaaggcaga	acacttgtct	atctctgtct	120
aagctcccc	gaaaatttat	gaagagatgt	ccgctcgcac	atgagtttga	gactaaaact	180
tatgtttcct	aagtaaaacc	cacatcagga	aaaccctagt	ccagtaaaat	ccaataacaa	240
gaacttctct	tatgttggtg	aaatccgtgg	ttgcttgaga	gaaacaagag	agaaataaat	300
tatctctaga	gaatttacca	aagaaaatga	accttaatcc	ttgtctcata	agatttctat	360
agaaa						365

<210> 519
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 519						
ggcagcagcg	gcagcagcgc	atttggcttt	tccacctgct	ggtgccctgg	aggctctgag	60
ccccggcggc	gccccggccc	acgcggaacg	acggggcgag	atgcgagcca	ccccctctggc	120
tgctcctgcg	ggttccctgt	ccaggaagaa	gcggatggag	ttggatgaca	acttagatac	180
cgagcgttcc	gtccagaaac	gagctcgaag	tgggccccag	cccagactgc	ccccctgcct	240
gttgccccctg	agcccaccta	ctgctccaga	tctgtgcaact	gctgtggcca	ctgcctccccg	300
tcttggggccc	tatgtcctcc	tggagcccga	ggagggcggg	cggtccctacc	aggccctgca	360
ctgccctaca	ggcacttgag	atacctgcaa	ggtgtg			396

<210> 520
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 520						
cagcaggaga	tctgtccctg	cttcaatcca	cgagaagcct	cacaagtgtc	tggagggaga	60
aacgtccttg	aggacagtag	gaaactactg	tcctcagccc	tggaaactgt	gctaggtaac	120
tcagacaaat	caagtggccg	ttcagcagca	tcacactgca	ggaagtatgt	tccacaggctc	180
ccttgggcac	aaacccccag	ccaaccctcc	cacactgctg	ggaaatcccc	cttaggactt	240
tccctattta	ggacagggca	gtgctctgat	gatttactag	agccaaggcc	aacctgggtt	300
atagcaccac	ctattgccga	aaagaaggca	gcaacctagg	agaaaaattt	anan	354

<210> 521
 <211> 265
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (265)
 <223> n = A,T,C or G

<400> 521
 cgatatctgg aagggcaggg acatgagctg ggtggggggc aagtaggacc tccatcagtg 60
 gggatatgac tcagctgtga gaagggacag atggagtga ggtccagcca ggggctgcag 120
 tggggctggg gtccttagag ctcatgatga gcttcagcac gaggtgggccc ttgtgtgtgc 180
 acgtangtcc ttcccgggaag gcatctccag agtaaaggtc atggtcagga atagttcatg 240
 attggagact gaaactgcac atagg 265

<210> 522
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 522
 cggttgcgtg gcaccctgat ggagacagag ggggacagcc cccacccatc tgtccccggc 60
 agggctcttg ctctcacagc cccctggaac aagcccatg ccccaacctt gggcctggct 120
 actggcccag aaggcaccag gcctcatgag aatgctgggg gaccccaaag tggggggtcc 180
 cataacctga cctcctgggg ctacacctca tgcttggaac agacgctgtg ggctgtccgg 240
 gccttgaaca gccctgcagc tgcacccccg atcctgatac ctcaccccat tcaactgccg 300
 catgctaagg ctactggcgg gcatcctctc tgctcaaaat tatagacctg tctccctgac 360
 acacctgctg tgccctct 378

<210> 523
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 523
 tgaggtgccc tgccaggacc ctgccagctc ttgttggaac gggaccgcct ctctcctgcc 60
 cattgacccc agggccagat gtgggacaga ggaatgtgca tgggtggggc ctgggcttct 120
 ccgtgtgtgt cctgtctcct tccagcttct tagacgtggt ggcccagagt gcttttcagt 180
 gcacccgagc catgatgagc gagtggctgt gatgaccac gcagccagtc ctttgtgcaa 240
 ggaggggaag ggagggccct acccgattc aagctcagct gtcggcactg tggtttcttg 300
 caccctctta aacctgagac tccccctctg attgcagttg aacg 344

<210> 524
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 524
 ttcattcgct cgccaccaca gaaatccaga aacgaatata tagcaccaga atttttcacc 60
 agcaacaacc cagaactcaa atatgggatg aaacaattcc tggagccaca aaaaagtgga 120
 gaaactccaa gcagatagga aaagaatcca gactcccaca tccacaatgc cctccccca 180
 aattcttccc agcgccaagc acacaggaaa tcttccctca attcacagtt tatgtacttg 240
 aaaaagagag attgagatgg tcaaccggct tccccacctt cttgggttcc cagcaggaga 300
 cttgtccttg ctttaaccca caggaatcat catgactgag tgaaggaa 348

<210> 525
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 525

cgttgctgtc	gggaagaaga	gccaaaccaat	cacaccagag	cttccaccga	cagcagaggg	60
gacgtaacac	accttctttc	ccctccggct	ttccttcccc	ttctctcccg	ccttctcctt	120
attcatacca	gaagcgctc	agctctgatt	ggctggagct	ctgtgctatc	tcagccaatc	180
acaagccggg	ctgtgctcct	acaccatccg	aagagcgaat	cgtgcagaga	ccgtgtctac	240
gattggcctc	tccctgacaa	ggatttaatt	ttgaattttt	ctttatggcg	tgggagaggc	300
cacagcccgg	actccatcga	ctcccccggc	tcttagacta	aaatcatgcc	caagttcaaa	360
caacgaagac	gaaagcta					378

<210> 526
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 526						
acaccagaa	aagcccgctc	caagctcggg	aagttgcaga	ggagaaaacc	tggagtctag	60
cgctctggct	ctgcctgggtg	atgggccagc	ggcccgctgcc	cagagaaaacc	cactggagga	120
ggatggaggg	cggccctgcc	cccgggacag	accagccttg	accggagcga	aggagggagt	180
gcgccacgca	aagcaccaca	ggcggcgcg	gggccttccc	tggaaaggcca	ggctcctttc	240
caactgggct	gcctctcggc	ttcaacgtcc	taaagcgggg	acggctgaac	cccggncatg	300
gctgacttga	ctccacctcg	gaataacttga	tagggttcgc	ctatcgctc		349

<210> 527
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 527						
cgttgctgtc	gccagagttg	cgaggagttt	tttaactgat	ttagccaggt	ggcaatcatg	60
agtgaatgga	tgaagaaagg	ccccttagaa	tggcaagatt	acatttacaa	agaggtccga	120
gtgacagcca	gtgagaagaa	tgagtataaa	ggatgggttt	taactacaga	cccagtctct	180
gccaatattg	tccctgtgaa	cttccttgaa	gatggcagca	tgtctgtgac	cgggaattatg	240
ggacatgctg	tgcagactgt	tgaaactatg	aatgaagggg	accatagagt	gagggagaag	300
ctgatgcatt	tgttcacgtc	tggagactgc	gaagcataca	gcccatagga	tctggaagag	360
agaaagaaca	gcctaaagaa	atggcttgag	aaan			394

<210> 528
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 528						
ctcccccttca	catctggcca	gctgccatgg	ggcctagctc	aaagaagggg	ccccctccca	60
gggccagctt	caggatctga	tccctgcccc	cagctctacc	ccacaccata	ctatgctggc	120
ctcgctgagt	cacatgtgca	ggtgccccct	ccctcaaaca	cctgtgacct	cccagcctca	180
taccaagtct	ttggctcttc	tgagaccctt	agcacctgtt	gacgcaactg	tgctaattgag	240
ctgggaaagc	ttccccaacc	ccgtcccaca	taaggggggt	gg		282

<210> 529
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 529							
cggttgctgtc	ggtgcgccgt	ctgattttctt	tgtgctaacc	tggcagctgt	ggggccctta		60
ggagccccc	accgaggggtg	gacacagtcc	ctttccttcc	tgcagatgcc	taggcaggag		120
gagggcttcc	tgcctgtttg	gcaaagtccc	aggcagaggc	caaggatgag	gcctgactcg		180
gctcctccct	ccacatcagc	cagggcatca	gaagttgggc	cagggcgggg	ccttccctgc		240
tcgatttttg	acgaggccta	agtaaaccct	ctatgccctg	ccccagacct	ggctctttcc		300
taacccctc	aacggtggga	ggaactggca	aaaggtgcgc	ctgggcacaa	acttcccgga		360
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<210> 530
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 530							
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atgagctcga	ctaaacgggt	ctggctgcga	caatacgcac	tgattgtatg	ttttgcgttc		180
agacgaagga	gggggacggc	tttggttgaga	attcccatat	ctttgggttc	agcttggcat		240
taaagagtgt	agtataaat	tattgatgtt	ttttatggga	acggggaggg	cccgcacaaa		300
cgcatgtac	ttgctatcct	gatctactct	agttcttttg	tttttcagg	gaggaaacta		360
aatctactg	aacttagtct	ataataagc					389

<210> 531
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (385)
 <223> n = A,T,C or G

<400> 531							
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atgactctaa	actggagttc	aggagtctt	gggagctgat	tggagaagcg	gccaagagtg		120
tgaagctgga	gaggcctgtc	cgggggcact	gagaactccc	tctggaattc	ttgggggggtg		180
ttggggagag	actgtgggcc	tggagataaa	acttgtctcc	tctaccacca	ccctgtaccc		240
tagcctgcac	ctgtcctcat	ctctgcaaag	ttcagcttcc	ttccccagg	ctctgtgcac		300
tctgtcttgg	atgctctggg	gagctcatgg	gtggaggag	ctccaccaca	gggagggtca		360
ggggactggt	tgggccagg	atgan					385

<210> 532
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 532							
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gcctcgaga	gtgcatctga	gggatctaga	agactgtctg	tgtccaagag	tgcagctgtt		180
ggcgtgagc	ctgtgtgact	gtggctgttg	ccttagagt	tgggtgtgtg	ggattgcac		240

agaggggtgta	tctgtgtgca	gtggtgcatc	cgtaggggtg	tgtgggaaca	tgacgttgtc	300
tttgagagtg	gtttcatgag	ggttatttgt	aaggggtgta	ctgttgccctg	agagagtgtc	360
cgggtgggtct	ttgcgaaact	cggtgccctgt	tg			392

<210> 533
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 533						
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gagggtggcc	aggctgacag	ctttttgcaa	gaggaggggg	accagcacca	gctgggaggc	180
ataggctagg	acaggcccac	gtggaggctg	ggcaggaagg	gcctgctgag	gtcacacagc	240
tgttggtggt	tgggccaggg	cggcttcctc	ctttcagaat	gctaggggtg	ctctcaccac	300
tggccgcctc	tccttgccag	gcctgccaac	tcaggggaca	gatggagcac	gagtggagaa	360
agggaaaggc	aggctctggtg	t				381

<210> 534
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 534						
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gggtggaggc	cagggttcca	aggaaaagg	ccgagggagt	tggggaggcc	gccaccacca	120
ccaccacca	ctgcctgcag	caggcttcaa	aaagcaacag	cgcaagtcc	agtatgggaa	180
ttattgcaaa	tactatgggt	accgcaatcc	ttcctgtgag	gatgggcgcc	ttcgggtggt	240
gaagcctgag	tggtttcggg	gccgggacgt	cctagatctg	ggctgcaatg	tgggccatct	300
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ccggctcatc	cattctgccc	gccaaaa				387

<210> 535
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 535						
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actacgtgga	agccatcgag	ggtgtcagaa	cgcacctgct	gcggcactcc	gagcccagta	120
agctcacctt	tgtgggggag	cttgcccacg	gccgtttcag	tgccaagatg	gaccacctgg	180
tgtgcttcct	gccagggacg	ctggctctgg	gcgtctacca	cggcctgccc	gccagccaca	240
tggagctggc	ccaggagctc	atggagactt	gttaccagat	gaaccggcag	atggagacgg	300
ggctgagtcc	cgagatcgtg	cacttcaacc	tttaccacca	gccggggccgt	cgggacgtgg	360
aggtaagcc	agcagacagg	cacaan				386

<210> 536
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 536

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gtgttggttaa	tagctagcac	agatgttgac	aagacaggag	cttcctacta	tggagaacaa	120
actctacact	acattgcaac	aaatggagaa	agtgtctgt	tgcaattacc	aaaaaatggc	180
cccatttatg	atgtagtttg	gaattctagt	tctactgagt	tttgtgctgt	atatggtttt	240
atgcctgcca	aagcgacaat	tttcaacttg	aaatgtgac	ctgtatttga	ctttggaacc	300
tggcctcgta	atgcagccta	ctatagccct	catggacata	tattagcatt	agctggattt	360
ggaa						364

<210> 537

<211> 389

<212> DNA

<213> Homo sapiens

<400> 537

ggcacgagca	gcaacaagtt	catgctgggt	ctggccagca	accaaccaga	gcagttcgac	60
tgggccatca	atgaccgcat	caatgagatg	gtccacttcg	acctgccagg	gcaggaggaa	120
cgggagcgcc	tggtgagaat	gtattttgac	aagtatgttc	ttaagccggc	cacagaagga	180
aagcagcgcc	tgaagctggc	ccagtttgac	tacagggagg	aagtgtcgg	aggtcgctcg	240
gctgacggag	ggcatgtcgg	gccgggagat	cgctcagctg	gccgtgtcct	ggcaggccac	300
ggcgtatgcc	tccgaggacg	gggtcctgac	cgaagccatg	atggacaccc	gcgtgcaaga	360
tgctgtcccg	cagccccagc	agaagatgg				389

<210> 538

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 538

cgttgctgtc	ggatagtgt	gggggtgacg	gtggaagcag	gtcaggtgaa	acagggggaca	60
cccatgtgtg	tcccaagcaa	aaattttgtt	gacatcggaa	tagtaacaag	tattgaaata	120
aaccataaac	aagtggatgt	tgcaaaaaaa	ggacaagaag	tttgtgtaaa	aatagaacct	180
atccctggtg	agtcacccaa	aatgttttga	agacattttg	aagctacaga	tattcttggt	240
agtaagatca	gccggcagtc	cattgatgca	ctcaaagact	ggttcagaga	tgaaatgcag	300
aagagtgtact	ggcagcttat	tgtggagctg	aagaaagtat	ttgaaatcat	ctaatttttt	360
cacatggagc	aggaactgga	gtaaatgcaa	tan			393

<210> 539

<211> 395

<212> DNA

<213> Homo sapiens

<400> 539

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ttcatgtctg	tcttgccag	caaccaacca	gagcagttcg	actgggccat	caatgaccgc	120
atcaatgaga	tgggtccactt	cgacctgcca	gggcaggagg	aacgggagcg	cctggtgaga	180
atgtattttg	acaagtatgt	tcttaagccg	gccacagaag	gaaagcagcg	cctgaagctg	240
gcccagtttg	actacgggag	gaagtgtcgc	gaggtcgctc	ggctgacgga	gggcatgtcg	300
ggccgggaga	tcgctcagct	ggccgtgtcc	tggcaggcca	cggcgtatgc	ctccgaggac	360
ggggtcctga	ccgaggccat	gatggacacc	cgcgg			395

<210> 540

<211> 396

<212> DNA

<213> Homo sapiens

<400> 540

ggcacgaggg	acctcagggc	cacactgaac	gccttcctgt	accgcacggg	ccagcacagc	60
aacaagttca	tgctgggtcct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	120
gaccgcatca	atgagatggg	ccacttcgac	ctgccagggc	aggaggaacg	ggagcgctg	180
gtgagaatgt	atgttgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgctg	240
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcggct	gacggagggc	300
atgtcggggc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	360
gaggacgggg	tcctgaccga	ggccatgatg	gacacc			396

<210> 541

<211> 319

<212> DNA

<213> Homo sapiens

<400> 541

tattattctc	attggctgcg	gtagatgagg	tatttttagg	ccttacctaa	ttcatctgta	60
aaaaataagt	taatgttttt	tgaatgcctg	ctactggggc	caagggttag	acgtagctca	120
tctcagtgtc	ctctaccacc	ttacagggag	agaataccgt	ttgcaaatag	gggccccaaa	180
agatcactgt	gctggcccaa	agtcacacag	ctgataagtg	gcagggcaga	ggcctcattg	240
tgctcccag	tacaaagata	gcagtctctt	cctgcattac	agaattgtga	gaatgagaag	300
ataatgaacc	agaaagcac					319

<210> 542

<211> 301

<212> DNA

<213> Homo sapiens

<400> 542

atgcctggct	aattttttat	ttttagtaga	gatgggggtt	caccatgttg	gccaggctgg	60
tctcgaactc	ctgacctcaa	gtgatctgcc	cacccagacc	tcccaaactg	ctgagatcac	120
agggtgtgag	catcgtgcct	ggcctgttta	atgaatttct	gactggaggc	ttaatttttt	180
tgtttttttc	acaggggtct	tttgagagga	tgacagtggg	aagcgcttac	tgtggctggt	240
gcggctgcag	gcctggctcc	ttccactctc	gggctgccct	tcacggtgcc	aggtttgtgg	300
g						301

<210> 543

<211> 340

<212> DNA

<213> Homo sapiens

<400> 543

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ctacctacaa	ataagagtca	ctacacatgt	gaagcagcaa	tgatcatatga	ccaataatca	120
agaggggaaa	aaaaaagcaa	aacaagcaaa	tagatgatct	gcataattga	agttaacaga	180
caagaacttt	aaaacaacca	taattgggac	ttctggatag	ctaagggcat	aacagctgca	240
ccatttagct	atatgcctcc	ctgtattttc	tccctaaaga	attaaaaacca	acaaaaaatg	300
gtatgtaaat	ctagacgaaa	ccatgccttc	ggcataactt			340

<210> 544

<211> 328

<212> DNA

<213> Homo sapiens

<400> 544

ggaaaaaaaa	gcaaaacaag	caaatagatg	atctgcataa	ttgaagttaa	cagacaagaa	60
ctttaaaaca	accataattg	ggacttcttg	atagctaagg	gcataacagc	tgcaccattt	120
agctatatgc	ctccctgtat	ttcctcccta	aagaattaaa	accaacaaaa	aatggtatgt	180
aaatctagac	gaaaccatgc	cttcggcata	acttgaagac	agagaatgct	aaaatattaa	240
aatgaccgtg	actaggctgg	gcacagtggc	tcacacctgt	aatcccagca	ctttggggagg	300
ctgaqgcagg	tggatcactt	gaggccag				328

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<210> 545
<211> 324
<212> DNA
<213> Homo sapiens
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<400>	545						
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ctatgcctga	gctagggtgt	gcacgtgtgt	gtgactgtgt	gtgtgtattg	caaaacaaag		120
tttcttgggt	ttagctagat	ttcatTTTtac	cttctgagtg	agcttgattt	ttccatggaa		180
aatggacaat	tctttctttt	ccataggtca	ggaagctgtt	cctgcattct	ttgggaccag		240
aaaaataatt	ttcataatat	ttctgtcatt	atctgactct	ttcctccta	atctcattta		300
cactgatqta	aatqtaatat	ttta					324

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<210> 546
<211> 333
<212> DNA
<213> Homo sapiens
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<400>	546						
tcattacatt	attttccttg	taattaattt	gctaaacgga	ggtgaacaaa	gtagtcctaa		60
actaaaattt	atttaccatt	tctcctttta	atacaaagac	aaatatgac	tattcatgac		120
attataccac	tgtttctggt	atttcccata	ttaacttggc	gtagttgttt	aaaacattct		180
tttcttcttt	gtagatgaag	aaaatatgac	agtgaataaa	cgattactat	tgatcattca		240
tagttgttta	aaataatgtc	taatgggtgc	ggtgcggtgg	ttcacacctg	taatctcagc		300
actttgggaa	gccgaggcgg	gaggatcacg	agg				333

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<210> 547
<211> 341
<212> DNA
<213> Homo sapiens
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<400> 547							
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tcaaggcagg	gcttgaaagg	ggataaagtc	taatggcact	agctggcatt	tcaaattcta		120
gatgcctgag	gcagactggc	accgaaacag	ctcctcgttt	ctctcaaagt	gaacatataa		180
ttcatagagg	gttaacaaaa	taatatcgtg	aagtttttcc	cttttaaate	tctaacggtg		240
gcggggcgcg	gtggctcacg	cctgtaatcc	cagcactttg	ggaggccgag	gggggaagat		300
cccttqaagt	caagagtcag	agaccagcct	gggcaacatc	g			341

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<210> 548
<211> 332
<212> DNA
<213> Homo sapiens
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<400>	548						
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ctctgcagct	tctgatgtac	actgaagagc	aaaataactt	aagaçatgta	aagttagggtg		120
cctcaaaaag	taaacactgc	atgctcccaa	ggggaaaaac	aattctacaa	aacagagagt		180
taaaaaaaaga	gaaagaggcc	gggcacagt	gctcagcct	gtaatcccag	cactttggga		240
qqcagggcag	gtggatcaca	aggtcaggag	attgagacca	tcttggttaa	cacgggtgaaa		300

ctccgtctct actaaaaata caaaaaatta gg

332

<210> 549

<211> 328

<212> DNA

<213> Homo sapiens

<400> 549

ctgtgttgca	ggcataaacc	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
ggttgaagtc	agagtcacat	gtttaaaatt	tagctcaaca	aatggaggct	tgcttggttag	120
ttcctgtgtt	taacattatt	tttgggaagaa	aaagaaaaaa	aagggaaggta	gaggaagggga	180
gaatgttttg	attgttttct	aatttattga	tctctccctt	gcatcatcac	caagactggt	240
aactggttcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agaggggaga	taagggtatc	tctgtctct				328

<210> 550

<211> 319

<212> DNA

<213> Homo sapiens

<400> 550

gagaactaag	tattttctct	gcattagcca	taacacatat	tattttaatt	aagggttctg	60
tttttttaat	cacctcatgg	aaacactgag	tctaggctga	gatggggggcc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtagggtat	gttttacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	cattttatct	cttcagtaag	atatttgtga	ctgtttacag	300
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<210> 551

<211> 332

<212> DNA

<213> Homo sapiens

<400> 551

tctgctatcc	tacttgagct	tctgtatcca	cttgtggtac	cacatgcttc	acagtgtttt	60
gtcatggttt	atttacatga	caatcaccag	tagaagtttg	gaagattttt	gaagatagga	120
cactatcatc	atcattttga	atctctacta	tctagtacta	acccacaaat	aacaagcact	180
tgagaaatgt	ttgagtgcct	gagtggatca	gctttccact	tggtaaaact	ttaggtaaat	240
ttcatcctgt	taaactggtc	ctgtgtatta	gccgctcact	taccaccatt	tgtctctctt	300
tcacatcaat	tggtgaatag	aaaaatggct	ct			332

<210> 552

<211> 177

<212> DNA

<213> Homo sapiens

<400> 552

cacttgatgc	atatactaaa	ttttctttga	tcaattttta	gtgcctcaat	ttttagtccc	60
tttaattaga	aggtagccag	tatccagtac	caaaaattga	gaacactggt	tctgatcta	120
aagagttcct	ttttactggt	catgcttgct	ccaaagatat	ttttctcata	ctgatgg	177

<210> 553

<211> 328

<212> DNA

<213> Homo sapiens

<220>

[illegible]

atTTTtctaag tacatgttga aaagtataat ttcaatcagt caagaatcc

229

<210> 557

<211> 267

<212> DNA

<213> Homo sapiens

<400> 557

gcccacctac	agtctctggca	gaattggact	tcagcagaac	cggggtcctc	ccttttggtg	60
gcctgtgggg	aaacacttct	gatgggcccc	tttttgtaag	gttgcaagta	gtcacatgaa	120
tactatcagc	cacactggcc	agatcagggg	acaatcctat	gtcctgggac	ttgaaacgtt	180
cttgtccacg	tgtggcgctt	ggtgactacc	atggccaggg	accagcaggc	cctgtctgcc	240
ttcagcctag	agcagggctc	tgagccg				267

<210> 558

<211> 338

<212> DNA

<213> Homo sapiens

<400> 558

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tgtaaaaaga	tactagtact	tctgaggaaa	tttacaattc	agcaacacaa	cttataaaat	120
accattaaaa	tgctgtcttc	tattcatact	gcgaaaacct	atagagctat	tttgaaaaaa	180
caaaaaccaa	gaaagctctt	tatgtccttg	acatagtaag	gtctctaaat	atatagcaaa	240
tagagaaagg	gagatcagta	cagtgtgtat	attatgacac	catttgtaaa	acattatctg	300
cgttcatcat	tttcttatat	atgtataaaa	taactcag			338

<210> 559

<211> 325

<212> DNA

<213> Homo sapiens

<400> 559

gagaactaag	tatTTTctct	gcattagcca	taacacatat	tatTTTtaatt	aaggTTTctg	60
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gatgaggctc	acttatgccc	actagccttt	atgtaggat	gTTTTacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaaac	agTTTTtagaa	catttttatct	cttcagtaag	atatttTgtga	ctgTTTtacag	300
ttaatccctg	ttcttacctt	gaggc				325

<210> 560

<211> 336

<212> DNA

<213> Homo sapiens

<400> 560

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gaatatacag	tgattatgcc	tagaatttta	aacatcagat	ctgacctaaag	aaataacaat	180
cccaactgta	agaaagaagt	ggTTTggggga	agtcaaacac	taaagaaata	ctttcaaacc	240
agtctaaaac	taactaaatg	gttaatctta	tattaacaaa	aacatgcaac	ctagattaac	300
aaaagcatac	aaatctcaat	ttcattatgt	gcattt			336

<210> 561

<211> 323

<212> DNA

<213> Homo sapiens

<400> 561
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gtaccaccgc actccagcct ggggtgacaga gtgagactct gtctccaaaa aaaaaacttt 180
gcttgatat tatttttggc ttacagtgga tcattctagt aggaaaggac aataagattt 240
tttaacaaaa atgtgtcatg ccagcaagag atgttatatt cttttctcat ttcttcccca 300
cccaaaaata agctaccata tag 323

<210> 562
<211> 340
<212> DNA
<213> Homo sapiens

<400> 562
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aaatagtgtg taatgactca ttccaaataa acatttggtt ttcatttatg taactattgc 120
aggttggtag gggactttct cctccttgca gatattttgg aatccacctt tgaagatggg 180
aatacaacat gtgacttata agatttagta aataggggat acagagggca aatggaaatt 240
cagtagggcaa caaatgggtg ccaatgttat aatcattcat gtgaagtttg gtaaatatcc 300
cactccattg ttttatagtc tgaacacttg attttacata 340

<210> 563
<211> 321
<212> DNA
<213> Homo sapiens

<400> 563
ataaaccatg gtcattttta ggcattgtatc attcatttac tcatagtttg gtttacttaa 60
attatcagga atacaatggt gcaatgatgc ttaaaaaaca cttgttagtt ttccctgtac 120
caggcaatgg ttataattaa aatgatatgc tggtgagaag ccactcttaa gagtccagtt 180
tggttaaatg tatgggcagc taccaaattt ggggtgtctct tgtatatttt ttgtaagaat 240
ctcatttttt atgcttgaaa gatttggtga aaagaatgtg gttgaccata atttgcaaca 300
ttgtcttatt aaaaataaac t 321

<210> 564
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 564
aagcccaaat tttaatgcac ttctgacttt aaaacttggt atttcttata taccctttga 60
cctccttaga actgacattt aactccctaa aaaaataacta gagcttggtg gtcaggcaaa 120
ctacatttac tagacttact agtactctca ttgaagaaac agtgagtata ttagtccatt 180
ctcacattgc tatccagaca caccgaagtc tggngaattt attatttatt tatttatctg 240
aggcagagtc ttgctctgtc acccaagctg gagcgcagtg gcgcgatctt gtctcattgc 300
aaggtcgatt ctccaagttc aagggtg 327

<210> 565
<211> 193
<212> DNA
<213> Homo sapiens

<400> 565
 caaatacctt ctgtgcaaag atagactatg aataatgact ttgttttctt ctattttattc 60
 atggtcagga aggacatatt ttctttcctt actatcatct tgctgtcaaa cttcttgagg 120
 ttaacttggg tatatagtct tttacttgga aaggagagta gttaaactctg accaatttaa 180
 ttgatcagaa aat 193

<210> 566
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 566
 ggcgctctaca ttcacggcgg tcaactccgtt tctgtctcct tttgtttggc acctgtcagt 60
 ggatggaaga tgaaagtttc aaagctcatg gtaacagcag ggctctctac cccaggggtt 120
 tctacctgtg tctggcagtg ccttaagagg atgatccaga ggcttcggag gagggcgacg 180
 tgggaaggag caggtagccc aagctcccat ctcccaccca atcggtcggg cagcttggat 240
 ccacgtaaca tcttgtcatt ctaaatatgt cagatttaac ttggaaaaca aaaaaaaaag 300
 aattccactc ctaaaaaatt ttactaagaa atat 334

<210> 567
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 567
 gactgtatct cattggggat acgaagctct acacacttga agatgggtgaa ggaatataaa 60
 aatctatgtc tcacagtcca gacttggagt acaagtaata agaagaataa aacttaatcc 120
 cttaagtaga ttcaccataa gttagctcag agcaattcca gtgcaagtat ggtctgtgat 180
 ccagtagtat cttacagaca gcaagttgaa cattgtggga tgcattgagct attgaggcct 240
 ttgcagcttt ctgctacatg gaggctaggg ccagagtcaa gatttatgct ttgcagcaca 300
 ctggtcagct gtttttgcaa atcaag 326

<210> 568
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 568
 aaataagaaa atgtaaagga ctttgacaaa tgtaccggct cagaacattc tgagaagaca 60
 attttttaat gtaaagggtga tgattgaata gttggatatg tgcacgttta gcaaaaatgg 120
 gttaggcaca gtttaagagta ggtattttat tcaggaagaa tagaaggcaa ctagatgggg 180
 gagtttggcc tgagttttga catttgatag aaatgattgt gttttctttt tttttttttt 240
 tgagattgga gttgggtttt gtctctccatg ttggtagttt ttgggacttt ttcttggggtt 300
 acacatcttc tagttctctg tagtgtgag 329

<210> 569
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 569
 aaaacattaa atcttccctg gggaaaggta catcatccag agatgcaata tttaaaaaga 60
 atgccccgca ttcatacaaa cattatgagg cgtatcagaa ataagaccaa ataaccaaaa 120
 ccataagaaa aaaagacaag gaaaactcac agacgattgg ctaatgagac tatcacagat 180
 aatttttttt aaatctatta ttaacatgtt caataaaaaag atgaaaagat ggagaatttt 240
 attagagaaa tggaaatatct aaaaatgaat tacttgaaga gttgctaaat gaaatgtaga 300

ataactgtaa gtgaaagcac agttggtgta acagcgg

337

<210> 570

<211> 330

<212> DNA

<213> Homo sapiens

<400> 570

tgatagttaa	gatcaattaa	ccaattagtt	acccattttc	atTTTTcttg	tatattcttt	60
gtagatcact	tactaaaatg	atTTTTtaag	accttcactt	tcttaagtaa	agaaaaacaa	120
tttgactgag	acttggccat	ttagctaaaa	tctaaaagac	ctatttaatt	taaagtataa	180
gtcaagcaga	gatcttatct	tctgtccata	aataataaga	atgattgttt	ttcgctaagt	240
ggaaaaagtg	agatgaggca	agaagttgaa	gaatgcctag	ccaggtagca	tatgaagcct	300
acaagtttcc	agccgtgggt	ctgatgaaaa				330

<210> 571

<211> 185

<212> DNA

<213> Homo sapiens

<400> 571

acgacagaag	gggggctacc	ccggctactc	ctgctcagca	tggctgcttt	agtgactggt	60
ctcttcacag	gtgtccggag	gctgcactgc	agcgcagccg	cttgggCGGG	cgGCCagtgG	120
cgactacagc	agggactggc	tgccaacccc	tccggtacg	ggcccccttac	cgagctccca	180
aactg						185

<210> 572

<211> 339

<212> DNA

<213> Homo sapiens

<400> 572

gaacatcaca	ctccgggggac	agattttttt	ctaacctagc	cgcacaactg	ctctaagggtt	60
ttatacagac	cttctgcctc	atcagcttcc	atctcatctc	atttcatgct	ggatctaaaa	120
atgactctgc	tgcaggaaca	cacacactgc	ctgacagggc	tatcttaagg	gcctttataa	180
ggaagcagat	ggccaggcac	aggggctcat	acctgtaatc	ccagtacttt	gggaggccaa	240
gatgggtgga	tcacctgatg	tcaggagttc	aagaccagcc	tggccaacat	ggtgaaacct	300
catctgtact	aacaatacaa	aaattaaccg	ggtgaggtc			339

<210> 573

<211> 331

<212> DNA

<213> Homo sapiens

<400> 573

cctgatatca	ggtgatccac	ccgcctcggc	ctcccaaagt	gctgggatta	caggtgtgag	60
ccactgcgcc	tggccaatac	tctttttatt	ttaaaaagga	caagttagac	actagtttgc	120
atgcatagct	tattgattat	cctgcagtgG	ggtcatagct	ccccatttgt	gatgccggaa	180
gattgcctgt	ggaatcacaa	gacctcttcc	aatgttctgt	tatgctataa	aaagaccaga	240
actttttacat	tttaaattaa	agaatgtct	gtgcattttt	aaaaaataat	aaaacaaaac	300
cagtagttgt	ggcagtagta	gctggtagtg	g			331

<210> 574

<211> 339

<212> DNA

<213> Homo sapiens

<400> 574
gcatagaagc taagaaatag taaaacttat gtaatcacat tatgcttggg aaactgtttt 60
cttgcaaaca aagggtatttg tctcttattt attgtgttga tcatgaaaat agtatctcta 120
ccctgaggtg ttacaaaaaa ttaatcaagt cagcatgtat actgcatatg tgtcttctgg 180
aatatttacc atttaatcaa gaacctaaaa aatatataac ctagctccca aaaagtaaca 240
tcagtgggta attgtcaggt taaagaaaag taaaataagg ctgggcatgg tggctcacgc 300
ctgtaatccc agcacttttg gaggtcgagg tgggtggat 339

<210> 575

<211> 205

<212> DNA

<213> Homo sapiens

<400> 575
gtgttcctgg cccctagcgt ggtaggtgcg ggggtgccag ccccgctggg aagccccagc 60
cacaccccag ggtgtttgct gctctgaggc ctgggcctgc ctgggtgcta ggcttggggc 120
taggggggtg agcgcggtatg ttttctaacg tgccttgta cgcacctct agtgtgtcgg 180
actctccctg agatcccgt gctgg 205

<210> 576

<211> 281

<212> DNA

<213> Homo sapiens

<400> 576
tgtttgcata tacccaaatt gacctcaaat aactttccaa atggagtctt caacagtaag 60
ttgaagtcca atattgacaa agcattaacc ttctagtgtt attttagcat tggcctaattg 120
ttagcacttt ctataagaca aatttcagtt actacatcat acctcattac tagctgttgc 180
ttgaagtcaa catgttagtt tatctatttc aaccttgcc agtaaattat atgcaagttc 240
agaaataaaa aaaaagtata tactattcaa tctctgagat c 281

<210> 577

<211> 189

<212> DNA

<213> Homo sapiens

<400> 577
tcaattatga aattactcat ttaattgtat tgaaatatgt gttattttaa totctatctg 60
taacctacgg gtataacaat atgtctatac tgaggtaata atcatttaac ctggcataat 120
atcaattatt ttagaaaata tgtaactgaa aactcttcct tttcataaga gttggggaaa 180
catctgatt 189

<210> 578

<211> 331

<212> DNA

<213> Homo sapiens

<400> 578
cataattcag tttacagcaa gaagataaat tattttttgcg tggaatataa taatatctga 60
aacctccaca ggtcctttat acataacatt ctacctacaa ataagagtca ctacacatgt 120
gaagcagcaa tgtcatatga ccaataatca agagagaaaa aaaagcaaaa caagcaaata 180
gatgatctgc ataattgaag ttaacagaca agaactttaa aacaaccata attgggactt 240
ctggatagct aagggcataa cagctgcacc atttagctat atgcctccct gtatttcctc 300
cctaaagaat taaaaccaac aaaaaatggt g 331

<210> 579

<211> 325

<212> DNA
<213> Homo sapiens

<400> 579
 ttgtaaaaga gttcttgaga tacagcactg aatgtaaagg aaaatattgg agcattcaac 60
 tacatttgag aaataacttc tgtttattaa aagatactat aagaatgaaa gcacaagccc 120
 taatgaatat tcttggttga tactaaacca aagcttgaga agtggtagtt tcgcaagttt 180
 ttcaagtggg ttggtgcaat ctgaagactg caatcccatc aatgaacttt atatctttac 240
 cctttaaaat tataatttat gggccggggc cagtggttta cgctgtaat cccagcactt 300
 cgggaggctg aagcgggtgg atcaa 325

<210> 580
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 580
 agtgtagtgg catgacctct gcctcccggg ttcaagtgat cctcgtgcct cagccacctg 60
 aatagctggg attacaggcg tgtgccagct aatttttgta tttttagtag agacagggtt 120
 ttgccatgat tgccaggctt gtcttgaact tctgacctca agtgatccac ctgcctcagc 180
 ctcctaaagt gcactattta tgggtgagggg ttggttttga aatagtccat taagggtgatt 240
 agcatttgc tttgataaag acgattttacg ggttggtctgc ttttggtttc atgggagata 300
 agtccccac ttctgctatg gcttaaagtg gtg 333

<210> 581
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 581
 tgaagattaa gaggcaggga ttcaaggctg aggaagcaac atgcacaaac aaagttacaa 60
 tatgacacct tcaaggaaga ccaacaaggt agaaataggc ctgaaattcc aggtctatta 120
 gacagaatgg gaggagatca aacagtaaag agattaggca gagtaggagg agatgaaaca 180
 gtaaaagtcag aggccagctc aggaaagatt ttaaaggcca gtcaaaccatg gcacagggag 240
 ccgtaaatga actggtaaat taagatcacg ggctctggac catacagcct gagttcagat 300
 ctctgttgcc ccacttcccta tttgtgaggc ctgggactac 340

<210> 582
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 582
 gatgctaagg tcaatgggag caacttaggt taaagggtat ctggagtgcg atgagcagct 60
 agcaatttta aatagggtgc tcaaggaagg cctaatttaa ttttcatgaa cagcacttac 120
 agagtttaag agatgacaag aggtaatatc tgacttttat gagaaactct aaaaggataa 180
 atgcataggt aaaggctcaa acctaatttt aataagtaag acttaaagaa ctaaatatgc 240
 tgctatcaga tgcttttccc ctaaccatt tattttaaat tctatgcata tttatagaaa 300
 tattaataat gtcac 315

<210> 583
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 583
 cgtacaagac tcaggatggg cctacttcca gctaccattc agtataggag agggaagaga 60

agtgtgagaa	agcccaagga	tggatctgag	ggaggataac	agaaaactag	gttcctaact	120
caagatgaga	ttaagttctc	ctttctagta	tttattttga	agaagtcagg	gaatcaagaa	180
aatctctgaa	cacttatata	actgctgata	agactgtaca	ttagttcagc	ccctgtgaaa	240
agcagtttgg	aggtttctca	aagaaacaaa	aatataacta	atattcaacc	ccagaatccc	300
attactgggt	atatacccaa	aagaaaataa	aatggg			336

<210> 584
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 584						60
agagccaadc	tgtaactgct	gatttagtta	ctctatttag	tcattttctag	gtggagacct	120
atatttttag	ccccagagac	tttcttcctt	ctaaggtggg	acaggaaaac	cacgtgaaag	180
gcgacatgct	atcagaggcc	cagagaatct	ggagatggca	gaaacttgga	cacatagaaa	240
aacagggcgt	ttggggccgg	gtgcggcggc	tcatgcctgt	aatcccagca	ctttggggagg	300
ctgaggcggg	cagatcacga	ggtcaggaga	tcaagacctt	actggctaac	acagtaaaac	341
cctgtctcta	ctaaaaacac	aaaaaattag	ccaggcgtgg	t		

<210> 585
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 585						60
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tttcttggtt	taagtggtag	attgatatat	gttttctatc	atactaataa	acaacttgta	180
aatatcaa	gcttcataat	ttagaaatgt	aaaacatgat	aatcaa	aaaagtaatc	240
taacacattt	aaaaactaaa	catatttagg	ccagggtgcag	tggcccaagc	ctgtaatccc	300
agccctttgg	gagaccaagg	cagggtggatc	acctgaggtc	aggagttcga	gaccagtctg	331
accaacatgg	agaaaccctg	tctctactaa	n			

<210> 586
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 586						60
gagtctttcc	aaacacatcc	agtgggtctt	cttttattta	ctcagctttt	tgtttggttt	120
tcttttacag	gaactataac	atttactatt	ggcaaactcc	aacaccatcc	tcagtaattt	180
gggatgtctg	tcaataccat	cgttctgatt	tctgaaaatt	ttcgctgaat	gtgacatttt	240
tcctctcaaa	ctaacccttc	cacagacaca	cccacacaca	caccacacac	acatgcatgc	300
gtgcacacac	agacacacac	gcacatacac	accacataca	cgcacacaag	gcacatacac	337
acacgcacac	acacatgcac	acacgtgcac	acatacg			

<210> 587
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 587						60
gcatgccctt	agggaggtgg	gtgtgatcag	ttttttaaca	atttttaaag	cttaaggatt	

cattaggaaa	tttgaggctt	gttataattg	gacagtaaca	tcaaaaaatc	atctacaggg	120
agtagctttt	ttcttttttt	tttcggagat	gaagtctaac	tctgttgcca	ggctggagtg	180
cactggtgca	atctcggatc	actgcaacct	acgcctcccg	gggtcatgcc	attctcctgc	240
ctcagcctcc	tgagtagggg	ggactacagg	tgctaccac	cacgccagc	tatttttttt	300
tgggactttt	agtaaagaca	gg				322

<210> 588
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 588						60
tctcacttga	tcctctcagc	aacccttga	ggcagggtact	aatgtgatct	ccatgctgca	120
gatggggaaa	ctgaggccca	gggtttatag	aatcaaaagg	ctggcacatg	gaattgggtga	180
ggatcctgca	ggctctcagc	aggatgcgag	gagtggcctc	ccaggacag	gaagagccaa	240
gagcagcagg	agtacagcag	tgtgagaaag	aaaatgccgt	cagaccatgt	gaggtggctc	300
acgcctgtaa	tcccagcact	ttgggaggcc	aagacagaag	gattacttga	ggtcaggagt	325
ttgagaccag	cctggccaac	atggg				

<210> 589
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 589						60
atgctagatg	actccatcag	ccaatatgtt	agcattatct	agaggcctta	tgtgaagtcc	120
tagtggctct	ttccagttct	atgactttta	acatacaggt	gaatcaaagc	ttcaggaagg	180
cctagaccaa	cagctattac	tgaagctccc	atttgtgctt	aggactatgc	atagagaaac	221
tctcctttgg	gacttggtta	gggtccaaag	ccctaaggctc	n		

<210> 590
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 590						60
tagcaggagg	tagaagaaaa	agttattgaa	gctgaaatag	tgatccttag	ccttagggac	120
agtgtgtgtc	agaggttaga	gcatccagca	tggctgggtg	ccagagcttt	gcatcagttc	180
gagatgtatg	tgatgtatct	ttagctcagg	gaagagagag	gacttgattt	ttgaggaagg	240
cttgaggagg	agggatagaa	gagctggata	gttttgctgc	tcccagcca	gaaatttata	289
gtttgatttc	attattgcct	tgaaatattg	ggatgtccca	gaacacacn		

<210> 591
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 591
 cagtttggtc tttaaagttaa actaatgggg aaaaaaaca ggacagggag gtatctcaag 60
 ttcatttgag ccatttttaa aatttttggt gctggtttct gtttttcttc tttttaaaat 120
 agcaacaact taagattttg tgtgccacca gcttccattc catttcataa aagcttaatc 180
 tagcaagaat tggtagagccc tagtagaagt tagaaagaaa tgttgaagtg tgtatgtgtg 240
 tgtgtgtgcg tgcgtgtgtg nccccatcat actcaccttg gacacttttt aaaaaaacgc 300
 ccttggtctg gcgccggggc cccccctgt aatcccacca 340

<210> 592
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 592
 ccatggccag gcttgtgagc tcacatcaga aatgaaattc agaagtcatt cagaatctta 60
 ccaaaccag tttttactct tgatttaaaa atattttact ttttaaaatt aattattgtg 120
 gctcgcccag acttggcagt tagaattgaa tatcaggaaa ggttttaaga caaacctgac 180
 gaagaaagt gaagtagtca cagtatctag aaatacaaga gggcctcttt tctcaggctt 240
 atattttgag ataaatttcc tctccttagt acatgcaggg aacatttcat ttcataagtt 300
 tgctgattaa aaagg 315

<210> 593
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 593
 aggacactgg cttgccaaac aggagtctgg gcacttagca gccagtgtc tgtgcaaacc 60
 agccagtgt ctgaattcag atgagagctt tgtgtttgcc ttattggaaa gcccttgatt 120
 cctgggcttc tagaggtagt tatcactcaa aatctctgca gttcttttag ggtaagtga 180
 cgctttactt cttcatctat tagaaaatta ttctctcagc aggggtgcggg ggctcactcc 240
 tgtaatccca gctcactcct gtactttggg aggccgaggc gggcagatca tgaggtcagg 300
 agttcgagac cagcctgac 319

<210> 594
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 594
 ctgttgccca gactagaggg cagtggcacc atctcggtc actgcaatct ctgcctccca 60
 ggttcaaagt attctcctgc ctacgcctcc tgggtagctg ggattacann cgccngnnca 120
 gagcccaant aatanttgga ttgtttagta gagacggggg ttccaccatct tggccaggcg 180
 ggtcacaagc tcttgaccgg gtggagaagg gcttttacga gtagaatgag ccttttgagg 240
 ggtggctgcc tgcaattctt tttttgattg gattcaaata cgctgcttga gcttaagcac 300
 cttacgaact tttgaagatn ttaaagg 328

<210> 595
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 595	
cttaatcatt cttacagtat ttgagttgag aacatttata aagatttcaa gcattacagt	60
ataaacaata tgagaagatt cttccaaatc ttttaacttg aatgcaatta ttagcatgcc	120
cctagggagg tgggtgtgat cagttttttt aacaattttt aaagcttaag gattcattag	180
gaaatttgag gcttggtata attggacagt aacatcaaaa aatcatctac agggagtagt	240
tttttctttt ttttttctga gatgaagtct cactctgttg ccaggctgga gtgcagtggg	300
gcaatctcgg ttcactgcaa cctccgcctc ccgggttat	339

<210> 596
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 596	
gagcacctct gtgttcctag gtctgtgcag tgacttggga gtacagtgat gaatgggacc	60
atatgggtccc accctcatgg gcagtctcta attcctgcct tatgaactga agatctatct	120
cttgtcctga ctttatattc ttcatggcta aaagatttgg ggctctgaa gagtgcattt	180
gaactcaggc atgg	194

<210> 597
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 597	
gatgccttga gagtttctctg ttgcacaatc tgtttgtctg tagagaagtg gcatccagag	60
ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaagaggg	120
ccttaggtcc tcaggaaagg ggaaagggag ggatatggcc cttccctcca ggctctcata	180
tttgttgccc cttgttctgg aacggaccca gaggtctgcc ttcagagggg tctaatttac	240
tctgtattct gtgtggtaaa agcaagaggc agcatgtcca gtggactgtg agactgagca	300
ctctaaagcc agtaggggtca agtcactggg agcccactg	339

<210> 598
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 598	
actgcaacct ctgcctcaca ggttcaagcg attctcctgc ctcagcctcc caagtagctg	60
ggattacagg cgcccgccac cgtgcccggc taatcttttag tagagacggg agtttcacca	120
cgttgcccag gctggctctg aactcctgac ctcagggtgat cctccctcct tggcctocca	180
agttttttaa agatcatgct atgtggataa tgagctgggg atggagggaa gaatggacct	240
aggggtgaaa ccactgggta gagtagagcc acttcaagtg catgggtttg ggctataaag	300
gtagtgtctg gagcaaaaat taaaaactct tgc	333

<210> 599
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 599	
gtgctgcatg tttaaagtat tccctctgtt ttacttcatg atagttggcc cctttcaggt	60

<212> DNA

<213> Homo sapiens

<400> 603

aggattttaa	acatttcctg	cagagagctc	atagctgggt	ttatcttata	gattaaaata	60
aaaaggagct	accagaaggt	ctgtgtgtcc	aatacacttt	gttaccatct	atcaagtcta	120
ttttcttaag	ttgtcagagc	tgtttgcatt	cataataata	gctttatcaa	gaatcagctc	180
cttttctagc	atcaaaagtt	agaatttag	gccaggcgca	gtggctcacg	cccgtaatcc	240
tagcactttg	ggagactgag	gcgggcagat	cacttgaggt	caggagttca	agaccagcct	300
ggccaacatg	gtgaaacat	gtctactaaa	aatacaaaaa	tg		342

<210> 604

<211> 317

<212> DNA

<213> Homo sapiens

<400> 604

ttgtattagg	taatagaagt	taggatttca	gaacgtcatg	ggagacctgg	gggagactgc	60
ttgttttgaa	gttgaaagca	gtacattcaa	atatgtaagt	gacagcatag	aaaaatgtat	120
ataggggttaa	cgtgcagagg	tctgtattta	ggttttcctg	taagttttaa	tcctgttggt	180
taaaacaaat	attcggataa	gaataaacat	ttaaaaccat	tcaagggctg	ggcatgggtga	240
ctcatgcctg	taatcctagc	actttgggag	gccgaggcag	aggaatcact	tgagcccagg	300
agtttgaaac	cagcctg					317

<210> 605

<211> 316

<212> DNA

<213> Homo sapiens

<400> 605

ccttatatat	gctgtactga	agacatacta	tcacattaac	gttgcgttta	tgtctatgcg	60
tgagaattgt	atttctgtgc	ctaagaactt	tgggggagga	atcattattc	ctgctctgat	120
attgacgctc	tctctttcaa	cagaaatgga	ccttttacia	tattgaatgg	atctcagaga	180
agataatgac	ggaggctcta	gatctctagg	actgagagaa	cacgcttagc	acatggggta	240
agatgggatt	gcattcttca	aacatgacac	ctcctgccta	cactgactca	accggccatc	300
aggctttgga	aaactg					316

<210> 606

<211> 340

<212> DNA

<213> Homo sapiens

<400> 606

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acatgttaat	tttattattt	ttttgtgagt	gtgagacgga	gtttcactct	tggtgcccag	180
gctggagtgc	aatgggtcaa	tctcagctca	ctacagcctc	cacctcctgg	gttcaaggga	240
ttctcctgcc	tcagcctcct	gagtagttga	gactacaagt	ctgtgccacc	acacttggtc	300
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<210> 607

<211> 241

<212> DNA

<213> Homo sapiens

<400> 607

ccttagaact	atctattaaa	ttctatcaca	ggagatcatt	ggatcacaaac	agggcagtag	60
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tttctgctga	taagagtata	gaaatattat	agagatgtct	agttaccaac	acgataggaa	120
agggggcatt	atcagccttt	agtgatgagg	accaaggatg	taaaatacce	ttctgtgcag	180
gacagtacct	cagaaggaag	aattctgctg	taacctccag	gtatctgata	agtgaaaagc	240
t						241

<210> 608
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 608						
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gcaccacaca	gatgctccct	ccaggactga	aggacttacc	cctccagctg	ctgggattat	120
agttggctga	cactctccag	cagctggcag	tttccaggaa	ctgcctgtgg	ctgaagagaa	180
ccaccttact	caaagttcta	ccctcctcct	aggggcagct	gcacccaatg	actggcctat	240
gtggaggtat	aaatccatct	tgccaatatt	catacttatt	tacataattt	acaatattca	300
tacttaaaga	atctgggccc					320

<210> 609
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 609						
accctttgat	ttttttctat	cccacaacaa	tggagccagt	tttttttttt	tttttttaaa	60
tctgaaaggg	ctctgggttt	cacttaaaaag	gaaggcaact	caaactgact	taaacgatac	120
ttgacaaaaa	aggggggttt	tgtttttctg	cattgggcgg	atggccttct	gcttttataa	180
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<210> 610
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 610						
aggacggctc	tgtctggaat	ctttgaggcc	gggaatacac	gagccctaata	gtgactttgg	60
actcggaatt	acctggaaat	cagtgatatt	tgccccacgt	tatgaagcta	tcaatttcca	120
aagacagtta	aaagaccctt	ggctcaaaaat	ggatagttaa	catgaccaa	aaactaaaac	180
tgacttttga	gtactgtatt	agacagtcac	taactaaacc	taagatatta	ttttcttttg	240
ccagtagtgc	tttgtagct	tgtgtgccat	aggggtgagc	tcagtgggtat	tctgacaacc	300
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<210> 611
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 611						
ataaatatga	acagtagaag	ctacagaaaa	atgctgttga	gtttttcaaa	actatggctt	60
tttttttttag	gtaagtaaag	ggaattagta	ggggtttccc	tgttctattt	actaatagaa	120
atcgatactt	gcgataacct	cactaatctt	cacatctttt	atccaatttt	atccattcat	180
actataaatg	attattcatt	accttccact	ctgcaggagg	atggcaaaac	caaacacaca	240
tatattctct	ctcttctctt	ctctctcttc	ctctctttct	gacacacaca	caaacacaca	300
cacacacata	tcagatgtta	aagaagttca	catg			334

<210> 612
 <211> 332

<212> DNA
<213> Homo sapiens

<400> 612
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt 60
tttttttttag gtaagtaaag tgaattagta ggggtttccc tgttctatct actaatagaa 120
atcgatactt gcgataacct cactaatctt cacatctttt atccaatttt atccattcat 180
actataaatg attattcatt accttccact ctgcaggag atggcaaaac caaacacaca 240
tatattctct ctcttctct ctctctcttc ctctctttct gacacacaca caaacacaca 300
cacacacata tcagatgtta aagaagttca cg 332

<210> 613
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 613
ctcccagagt agcgtgagat tacaggtgtg agtcaactaca cccagctaatt tttttttttt 60
taaggggaga tggggntca ctatgttccc cagggtggcc ttgaactcct ggccctcaggc 120
agccctcctg cctcaacctc ccaaagtcct ggaattacag gcgtgagccc ccatgcccg 180
ggcattcata tattatacac aacaaccgc aggtccatt catgcacgaa cccccattgt 240
cttcggccct ttccagcctt gcgtcgcct cattccctct atctcgggaa cccgcgcccc 300
tccccctttt caagatggtc caccctcgc c 331

<210> 614
<211> 326
<212> DNA
<213> Homo sapiens

<400> 614
taattttctgt gcccctttac tcaaagatag gacaagacaa agaaaatgaa aacagacaca 60
aactccaagg tccatgaaac cagaaactaa tcctgaacca tgctaacaaa atagaaagct 120
tatcaagtga ttataaacca ctctgcatat aagcagcata taagtccaaa tgctgcaga 180
gagtactgtg ggactcagaa cagcacaggg actagagcac gcttggtcaa cctgaggcct 240
gtggggccaca tgtggcccac gacagctttc aatgtggtcc aacacacatt cataaacttt 300
cttaaaacat tacaaggttg ggcgca 326

<210> 615
<211> 304
<212> DNA
<213> Homo sapiens

<400> 615
agggtagaac ctatatgttg ctattgtatt gctatattatc tacttaaata actcttactg 60
tagtatgtat tgctcaagga cagagattgc gctgctcatc tttgtgatat ccacttagc 120
atagtttcta agcaaatagt atacttcttt catatatgct tatcaagtaa atgaatttga 180
ctctacctcc tattgaacta ttcagaaatt catgtttacg atttttagcaa tgagaacacc 240
aagacttatc tatagagtat cagagataat acaactaggg agtagatcta aaataagaca 300
tctg 304

<210> 616
<211> 321

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 616
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tgcttactaa ttgtaagaac tttaccagta agaacttgct ttaaaaactt agcattcaaa 120
aaaaaagctc tctttaaaag ttatttgatt ttcttggttt ttttcttacc atgctatatt 180
ttgagtttca cctaaaaaac taaggttatc ttatctaatt gctttaaatt tatacattha 240
gtcacattca acaatttggt gctaatacatt ttgccagatg ccaggctttt ccaagaagtg 300
taggatccca tccttgaatc n 321

<210> 617
<211> 239
<212> DNA
<213> Homo sapiens

<400> 617
cagatccaca cttcggtatga aaatggctga aaaggaggca gagatggcag aagactaaag 60
gaaagcgccg agctgtgact tgacgcccac tccaagggca gtgtggctct tgtgagacca 120
aaagaagagt aggaatgaac gcgggggtcc tgtgagcagc ggggtggcttt gctgagcttg 180
gtgctcttag aagaccagcc acttttgctc ctgcagcccg gggccacaga gccagacac 239

<210> 618
<211> 317
<212> DNA
<213> Homo sapiens

<400> 618
gatacttatt ttgctatcca cacttgatgc aattgaattc aaggtgcaaa gtcttggtact 60
gaagcagtct ccttggtgct tggagaacac ctcccttcaga gccctttggt aaataagagg 120
ggcgagcttg atcatagatg ccacctgggt agcaccgaat ctgactttgg tgacagtcct 180
aaagcacagc tgggtgattgt gagatctggt agcggcaggc tgagcagata ctacttggtt 240
ttgcttggtg tgagatacta ctgtttgctt agtatgagat tttttccagc ctgtctctta 300
aactcctgtg acatctt 317

<210> 619
<211> 318
<212> DNA
<213> Homo sapiens

<400> 619
cggacctatc cgtattgcgg accccaaagc tcttcccggg gcctttcttt ctctttgaca 60
aagcatagct aaggtagctg ggaaagggtg caagagagag aagagagaga agcgatccag 120
aagagagagc tcccaccctc gctgctgact ggctgagcag cttcaggcct gcctcttaca 180
ttctctcgcc cttcccaaat tattactaac acatgagtct gacatacagc gagctccaca 240
gaggaaagac ctgtattctc tggactatac agaatgatct acggacagag tgataggagg 300
ctgagtccac actctgga 318

<210> 620
<211> 317
<212> DNA
<213> Homo sapiens

<400> 620
 tcccacccga cccaagcacc tgtactttgt cactctccca tttctggcta gaccaggact 60
 ccctttgaca tctctaacct tgcagagggtg tgactctgcc agagcactct tagatgtcgt 120
 acagggtgcat ttgaagcctt gtattttctc ttaaaagata actggcgggt aatggagcgt 180
 gctgactcta ttgctaaaga gaaagaatag gctgggcgcg gtggctcacg cctgggagcc 240
 actttgggag gccgaggcag ggggaatacc tgagggcagg aagttgagac cagcctggcc 300
 cacatgacca aaccccc 317

<210> 621
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 621
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 tcaaaaacaat gttgaagagt gatgacagac gtgactgtct tgttcttaat tttcatggaa 120
 gtaagaatgc aaaatattaa tagggaatag tattccctat tagtatgaca tttacttttg 180
 gttattagta ggtagtcatt aacatgttta agagtttccg ctattcctgt tttatagtgt 240
 tattgctaga agtgggtcct gaattttata aaatgccttt tcagcatcta ttgatanaat 300
 tgtatgattt ttttn 315

<210> 622
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 622
 aaagtgttca gtcctagatg ttaactcct tagctacttt tgtaccaggg atcaaactga 60
 ttgaaagtaa atgggttatg tgggtcaaaa atgaggaacc aggctttgcc attaagcttg 120
 attcttctaa ctctagctga gtcccacctg gctttttctt ggcttctgta atcatgaact 180
 atttccaata gccagtggat ataaggagtt atagtagaac caatggatgg tttatagttg 240
 agaccctctg cattgtatgt tacctatttc aagatttaag agtcattgct gggcacgggtg 300
 gtcacacct ctaatcctag cactttggga ggccaagggtg gg 342

<210> 623
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 623
 tatatatgat aggaacgtga gcttgaggag tcgcaattgc tgggaatttg ttggggaatt 60
 tgccctgccc aaatgaagct cctcttttcc cttaacctag cttctcaaga ttctctccct 120
 tagttgaaga tattactcgt tacctaata tccaagaaag acctcagaga attactcttg 180
 actccgtcct ccttcttact ccctattata aatcccacat agtttgctt gtgtaaatat 240
 ttttcaaatt acccaccccc cattcccttt cctgcttcca cagctgtgat ggaatccctc 300
 aactttcttt tcaatatttc ctgtagattt agacaaaaa 339

<210> 624
 <211> 336
 <212> DNA
 <213> Homo sapiens

[illegible]

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<210> 628
 <211> 333
 <212> DNA
 <213> Homo sapiens

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 ggccctgttg tccccatcct tgggagaagt cagctccagc accatgaagg gcacccctcgt 120
 tgctggtatc actgcagtgc ttgttgagc tgtagaatct ctgagctgcg ttagtgtaa 180
 ttcattgggaa aaatcccgtg tcaacagcat tgcctctgaa tgcctccac atgccaacac 240
 cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa 300
 tatgttctgc tcagcggaaa actgcagtga gga 333

<210> 629
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 629
 gggagcccaa agacagtgc agggcatggt agaagggact tgctggactg ttcacctttc 60
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggt 180
 ctaaagtgtc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240
 ccaacgggca tggtggggac atatgaatac atggcccatg ttgctgggct gccccatta 300
 actgggcatt ctaagcaaac tatcggag 328

<210> 630
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 630
 tgcttcctcg gggctgggag aatgacccta attctgaggt ctctgggcgg ctgtgttctg 60
 cctggaaaaa gcacatcttg ccacagaatc gatgttcac ttggagacct tctaggctta 120
 agctgccttt tgtctaaaga cattcaatat tggatgatt tcttgagctg tgtaacattc 180
 acatggctca aaaatcgtgc aaatgtgcc ggtaaagagt gcaaagcagc caggcacagt 240
 ggctcacgcc tgtaatccca acattttggg aggccaagga ggggtggatca cttgaagtca 300
 agactttgag aacacgctgg ccaacatggt g 331

<210> 631
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 631
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 gaggccctgt ggtccccatc cttgggagaa gtcagctcca gcacatgaa gggcatcctc 120
 gttgctggta tcaactgcagt gctcgttgca actgtaaaat ctctcaccta gggctgagc 180
 aactcactga aaaaatcctg tgtcaacagt attggctctg aatgttcctc acatgccaac 240
 accagctgta ttatctctc atgcctggc cctcttataa acaccacata atttataccc 300
 agattctggt ctgatcaccg gtgaaccg 328

<210> 632
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 632
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 ccaaaatgac atcacacaag ggcagaaaagg agctgaagg ggaacgtgaa aggcagaaaag 120
 ggagccgtgg ttgccaggca accagcccta gccacacctt gtttgtttgg tgacagcaac 180
 taaagtctgg tcagggccgc ttggccacgc tcatgccttt tcctctcaac agttgcttct 240
 ttgagtcagg gtgcagctct ggtcacctgg cggcctcttc agctcagccc tccacaaagt 300
 gtgagcctga aggaccaccc tgaattgcc 329

<210> 633
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 633
 agatctatta tatcttaatc tctttccaaa agctattcaa atgaagagct ccctattggg 60
 atcaataata gattattcat tttagttttg aaaatatata tctgcttctt agaatacaaa 120
 ataatgtact ctgttttgtg ttggctatat ttaatatctc ttagattaaa actgttcata 180
 aaaaagtaat ggcacg 196

<210> 634
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 634
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 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggg 180
 ctaaagtgtc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240
 acaacgggca tggtggggac atatgtatac atggggccatg ttgctggggt gcccccataa 300
 actgggcatt ctcagcaaac tatcgaggga a 331

<210> 635
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 635
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 attcgtaggg aatcttgcaa gagctgaact ttggaactac tgccatttgg aagggttcca 120
 ttactcttaa gggaaacctg agaatctgag ttcatcttact ttttattccc ctttttagca 180
 gtaatttgtt catttacctt taatgttgaa aggaagcagg ttgaggccag ccatgatggc 240
 tcacacctgt aatcccaaca ctttgggagg ccgagaccgg cagatcactt gaggccagga 300
 gttcaagacc agcctggc 318

<210> 636
 <211> 315
 <212> DNA
 <213> Homo sapiens

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 gccaccccca catgtactac tcaaaccccc acctgcacaa gcatgttgtc cagagggatg 180
 gggattgtca catcctgcac accaccacta catagacaca cacacacaca cacatgcact 240
 cacacattcc aggggcctga ggatgggcct gccagcatg ttgccaccac caccaccagc 300

accacacctgc accat

315

<210> 637

<211> 314

<212> DNA

<213> Homo sapiens

<400> 637

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tgctcccaga	gcgctaccaa	ggaaggggtct	tcagaaaaaa	atgctcatga	ggcaaggggg	180
ctgcaaccog	tgccacagaa	agccagatct	ttctttgcac	cagttgtaca	gtttctgcaa	240
aactgaagac	tgacattgaa	aacgactgct	ggtcagctat	tccttgatca	ctcctagaga	300
gtgtatgtta	ctaa					314

<210> 638

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 638

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accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa	180
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc	240
tagcagtcaa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	gaacagcagt	300
aatgaacttt	aaagaagaag	canaggcact	aggggtgatc	cn		342

<210> 639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 639

aaagaatgta	ctggcctcaa	tttctgataa	ggtatggatg	aaccttctc	atgccagaca	60
agaaagcagg	atagattagc	acactatggt	aaaatgtatt	tcttcaaatt	aataaaccta	120
catgagataa	ttcacattag	ccaataaggc	agaatacagt	aaaattatat	aacaataatt	180
atTTTTtctaa	gaagtgagga	aacagatgaa	taaaaagtga	atccctccca	ggaaaggtaa	240
acagcaactg	tggcccaatg	tctctgcac	tctggaaata	aggagctgaa	gaggctggaa	300
aggtatattg	acagaaagct	gatataagag	aagagatgg			339

<210> 640

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 640

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tttaaaagt	taaggataag	acatgtgtat	atgtaacaaa	acacattgca	tctagaaatc	180
aaaacttgaa	agtattttcca	gggattagga	ttagaaggaa	tatttagagga	aacttgaaat	240
ctgagtttaa	aaagatttta	cctttttgat	tgctgcagaa	atgtcctatg	cactctttgc	300
aagn						304

<210> 641

<211> 324

<212> DNA

<213> Homo sapiens

<400> 641

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gcctagtctt	ttcatctatt	ttgtgctggg	atttcttcca	catgtggcat	ccatctccca	120
gggatttttc	ctcagctcag	gcaagacagt	cacaagctaa	gatgagtttt	gggaagatgg	180
ggaggttagag	gagaggttgg	gcaccaggac	tctttcatgg	tgcagctgct	ttttctccct	240
gtgaaagaga	tgggaatcct	agcatctcaa	cttggttcttt	tcttacaata	ggaaaagtgt	300
tcatacactg	attcatctct	aaag				324

<210> 642

<211> 315

<212> DNA

<213> Homo sapiens

<400> 642

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tctttcactt	tatcaccatt	aggccttcca	gccagacttc	atatctttcc	tttccctcct	180
atcttgggtt	acgccatctc	tctcactaag	agttctttgc	tgaccttggg	gccaaattag	240
caagatgtga	ccaacagcac	tgcaatagac	atcagaagac	ccaaacccta	ggccacctct	300
aggctagccg	tggaa					315

<210> 643

<211> 338

<212> DNA

<213> Homo sapiens

<400> 643

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ccaagcatct	ctgatatgtg	ctggtcaaaa	ccacaccaga	gaggaagaac	tgctctggta	180
ccgagaggag	gggagagtgg	atttgaaatc	tggaaacaaa	atcaattcca	gctctgtctg	240
tgtctcttcc	atcagtgaat	atgacaacgg	aatcagcttt	acctgcaggc	tggggaggga	300
tcagtcctg	tccgtttcgg	aggtgctgaa	tgttactt			338

<210> 644

<211> 337

<212> DNA

<213> Homo sapiens

<400> 644

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atgaaaatgc	tgaattgaag	agcaaagtgt	ggacaatgga	gaatttttca	gtttatcaat	180
attggtgcac	tcttccatga	aggagtattt	aactctgtga	taagtaccct	ggaagaatga	240
agttatatta	cgactatggt	ggagcttggg	cactagaagc	atgctgaaag	tgttttccac	300

ttaaagtga gtagaaatgc taagaggtgg ccggggcg

337

<210> 645

<211> 335

<212> DNA

<213> Homo sapiens

<400> 645

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gcactagctc	tggtgaacct	gctcttgctc	gttgccctgct	ccctgggcct	ccttcttgct	180
gtgtcactca	ctgtggccaa	cggtggccgc	cgcccttattg	ctgactgcca	cccaggactg	240
ctggatcctc	tggtaccact	ggatgagggg	ccgggacata	ctgactgccc	ctttgacccc	300
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<210> 646

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 646

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atgggcttca	tgtaaacctt	tgacacactt	ctatgaccct	gatcaagcca	tttcaccttc	180
attctctgca	tttttaccat	tagggagaca	aggatatagaa	tatttacttt	gttctacagg	240
agcgctaggg	aaattataca	acccattctt	tctccagtca	ctaaggaata	taagttcatc	300
tgtcaaagga	aaaatatcaa	cctaaatatt	gctattn			337

<210> 647

<211> 326

<212> DNA

<213> Homo sapiens

<400> 647

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catgtggcag	agagaaggcc	ccttaggcgc	gttaggggcc	agaagttggc	gctggtgttt	180
gtgcacggct	gtgagtaagc	gcgtaataaa	taaatcagaa	cgagatggac	ggagaccatg	240
cgctgtgctt	tcatcctgct	cagccccag	ctgaggaggt	ttctgacccc	catacccgtc	300
ctgcagcctt	cgagcaaattg	tggggg				326

<210> 648

<211> 321

<212> DNA

<213> Homo sapiens

<400> 648

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atctagggtg	catattcctt	atgagaatcc	agcaaatgcc	tgatgatccg	aggtagaatg	120
gtttcatccc	caaacactc	cacccccagc	ctgtgaaaaa	actgtgttcc	attaaaacca	180
gtccagtcct	tggttccaaa	atgattgggg	gctgcttctc	tagccacag	ggagtaataa	240
tcttctagta	aggtatagtc	cagtgcacca	acaaggtgag	cttctgggac	aaaggaaacc	300

aagatatgca ctttgagag g

321

<210> 649

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<212> DNA

<213> Homo sapiens

<400> 649

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ttttgtagga	ggtttttcac	tgaagctcat	agttataaac	aaggacatca	ctgctaacaat	180
tggttaatttt	tcctgtgttc	agctattatc	gtatcaagag	cattttatttt	cagccagttt	240
atgtcactac	cttatccata	gtttctgtct	tatattttta	tggaaatgtc	tttttctctt	300
attggggggca	ctacactttc	tttg				324

<210> 650

<211> 324

<212> DNA

<213> Homo sapiens

<400> 650

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gaaggaagga	aggaaggaag	gacagggcag	gccagggagt	ccaaaatata	cagatgatgg	120
tgtaagcagg	tacttaagtt	aggagaggtg	aaggaacaat	tgaatatagc	tcaaggtagt	180
gacactaaaa	gagagaattc	taataaacat	ttccaaatag	aaaatatagt	taaacattgc	240
gaaaactctg	cacactctga	aaaaaaagaa	gattcttata	gaatctctac	ctaagagaaa	300
cacacacaca	cacacacacg	caca				324

<210> 651

<211> 334

<212> DNA

<213> Homo sapiens

<400> 651

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gccacagagc	aagactatct	caaaaaaaaa	aaaaaagggg	gccccgaaac	cttttttttt	120
ttaaaaagga	actttttttt	tgcccccagg	ttgaaaaaaa	gggggcagac	cccccccaa	180
gagaatttcc	cccgggggaaa	aaaggggatt	cttttttctc	ccccccgggg	gagtgggaaa	240
ttagggggcc	tgccccccacc	ccgaaaaaat	ttttttaatt	tttaaacacc	ggaggggtgt	300
tccaaatggg	ggccggggggg	tggtgaaccc	cctg			334

<210> 652

<211> 338

<212> DNA

<213> Homo sapiens

<400> 652

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gcaggcaaag	ggcatggttg	tggttggggc	tcccctgtga	ggacattgag	cacagctgtg	120
gcatgcgcat	tcagcaggaa	atggtcaggg	gcatgagctg	atctgtctat	tgcttctgag	180
ctcacagtgc	cctgaggagt	acggtgctca	aacctcatga	gcaaggtgag	gcctgtcaag	240
agagccatgt	gtgctcagca	gaccagggct	gcagggcgag	aacagggctt	cctcagcctg	300
tgatagggac	cagtcagggtg	caggcaagaa	tctggggc			338

<210> 653

<211> 333

<212> DNA

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 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll ba* (Chl *ba*)
 54. *Chlorophyll bb* (Chl *bb*)
 55. *Chlorophyll bc* (Chl *bc*)
 56. *Chlorophyll bd* (Chl *bd*)
 57. *Chlorophyll be* (Chl *be*)
 58. *Chlorophyll bf* (Chl *bf*)
 59. *Chlorophyll bg* (Chl *bg*)
 60. *Chlorophyll bh* (Chl *bh*)
 61. *Chlorophyll bi* (Chl *bi*)
 62. *Chlorophyll bj* (Chl *bj*)
 63. *Chlorophyll bk* (Chl *bk*)
 64. *Chlorophyll bl* (Chl *bl*)
 65. *Chlorophyll bm* (Chl *bm*)
 66. *Chlorophyll bn* (Chl *bn*)
 67. *Chlorophyll bo* (Chl *bo*)
 68. *Chlorophyll bp* (Chl *bp*)
 69. *Chlorophyll bq* (Chl *bq*)
 70. *Chlorophyll br* (Chl *br*)
 71. *Chlorophyll bs* (Chl *bs*)
 72. *Chlorophyll bt* (Chl *bt*)
 73. *Chlorophyll bu* (Chl *bu*)
 74. *Chlorophyll bv* (Chl *bv*)
 75. *Chlorophyll bw* (Chl *bw*)
 76. *Chlorophyll bx* (Chl *bx*)
 77. *Chlorophyll by* (Chl *by*)
 78. *Chlorophyll bz* (Chl *bz*)
 79. *Chlorophyll ca* (Chl *ca*)
 80. *Chlorophyll cb* (Chl *cb*)
 81. *Chlorophyll cc* (Chl *cc*)
 82. *Chlorophyll cd* (Chl *cd*)
 83. *Chlorophyll ce* (Chl *ce*)
 84. *Chlorophyll cf* (Chl *cf*)
 85. *Chlorophyll cg* (Chl *cg*)
 86. *Chlorophyll ch* (Chl *ch*)
 87. *Chlorophyll ci* (Chl *ci*)
 88. *Chlorophyll cj* (Chl *cj*)
 89. *Chlorophyll ck* (Chl *ck*)
 90. *Chlorophyll cl* (Chl *cl*)
 91. *Chlorophyll cm* (Chl *cm*)
 92. *Chlorophyll cn* (Chl *cn*)
 93. *Chlorophyll co* (Chl *co*)
 94. *Chlorophyll cp* (Chl *cp*)
 95. *Chlorophyll cq* (Chl *cq*)
 96. *Chlorophyll cr* (Chl *cr*)
 97. *Chlorophyll cs* (Chl *cs*)
 98. *Chlorophyll ct* (Chl *ct*)
 99. *Chlorophyll cu* (Chl *cu*)
 100. *Chlorophyll cv* (Chl *cv*)
 101. *Chlorophyll cw* (Chl *cw*)
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 109. *Chlorophyll de* (Chl *de*)
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 111. *Chlorophyll dg* (Chl *dg*)
 112. *Chlorophyll dh* (Chl *dh*)
 113. *Chlorophyll di* (Chl *di*)
 114. *Chlorophyll dj* (Chl *dj*)
 115. *Chlorophyll dk* (Chl *dk*)
 116. *Chlorophyll dl* (Chl *dl*)
 117. *Chlorophyll dm* (Chl *dm*)
 118. *Chlorophyll dn* (Chl *dn*)
 119. *Chlorophyll do* (Chl *do*)
 120. *Chlorophyll dp* (Chl *dp*)
 121. *Chlorophyll dq* (Chl *dq*)
 122. *Chlorophyll dr* (Chl *dr*)
 123. *Chlorophyll ds* (Chl *ds*)
 124. *Chlorophyll dt* (Chl *dt*)
 125. *Chlorophyll du* (Chl *du*)
 126. *Chlorophyll dv* (Chl *dv*)
 127. *Chlorophyll dw* (Chl *dw*)
 128. *Chlorophyll dx* (Chl *dx*)
 129. *Chlorophyll dy* (Chl *dy*)
 130. *Chlorophyll dz* (Chl *dz*)
 131. *Chlorophyll ea* (Chl *ea*)
 132. *Chlorophyll eb* (Chl *eb*)
 133. *Chlorophyll ec* (Chl *ec*)
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<213> Homo sapiens
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<210> 655
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gccacgagcc	cacagtgcg	cacacgaaca	attcgctgag	tgaagagtcg	gtgtacacgg		180
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ctgtgcagt	tacagcacgt	cacggatcat	ctgcatgtgt	gccaggacc	ggggcagtca		360
cq							362

166

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ctgacctcaa gtgatccact tgccttggcc tcccaaagtg ctaggattac aggcattgagc 180
caccacacct agccaggatt cccaatcttt atttgccttg aggctgatgg aaaattgctg 240
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<210> 658
<211> 323
<212> DNA
<213> Homo sapiens

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catgccacaa ccaccactgg tctggatgtg ggcacaaagg ttggcagccc cacaccggcc 180
agcaccactt ccccccacact gaaactgcc aagggtgcaa tgggcacatg gacccagtt 240
gccacgtccc cccactgcta gctgccactg ctgctgttgc caatgactgc aaggaagctg 300
gtaatcccag acttatcagt atc 323

<210> 659
<211> 311
<212> DNA
<213> Homo sapiens

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ggataaaaac ccatctccct cactaggctg ttagctcctg gaaggtaggg acaagagtgg 180
gttggatcat ctctgtgtcc ccagggcctc aggtagggcc agcacacagg agggctttac 240
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actctgggag g 311

<210> 660
<211> 340
<212> DNA
<213> Homo sapiens

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ccagccagcc tgagctgccc cgtcatttcc cgactacaag cggactgggg gcgtggcttc 180
cccttaaaag aagaggaagg aggctcaggg gggaagtgc ttggccctgc agccggcctg 240
ggaggctggg gagggacggg gtttcctgtc acccggtctg gctctttcca ttgagtcacc 300
tgctcgtct tgggcgtggc caggggagga acagggtgat 340

<210> 661
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (315)
<223> n = A,T,C or G

<400> 661
ggcaccacc accacacctg actaatTTTT gtatTTTTtag nagagacngn nnttnaccat 60
tttggccang ctgggctgga actcctgacc tcacgggagc cacctgcctc aatctcccaa 120
ggcgtgaca ctccccgcgc caccactgc gccccgcgga ccaccctcc tactgggag 180
cgcgcccacc cggggggccc ccaccacctt tcgccccca cccccacgga atggggagta 240
aagcggggccc ccccgccccc ccaccccgcg aattatcctg gagctcacag agcgcacccg 300
cccgccccc cccc 315

<210> 662
<211> 208
<212> DNA
<213> Homo sapiens

<400> 662
ggcgtgtgag cttggtgtc ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60
tttgctcgcg tcctcacgcg ctttgggtt cccggtctca tggccggcct gacctattt 120
gtgggcgcg tcccgccctc gtcccgagc gagcagctgg aggaactgtt cagtccagggtg 180
gggcccgtga agcagtgctt cgtggtga 208

<210> 663
<211> 319
<212> DNA
<213> Homo sapiens

<400> 663
acaaaaagga tttatatgta ctgttgacac cataaaaagat tctgacgaag agctggacaa 60
caatcagata gaagtactgg accagccaat caataccaca gacctgcctt tccacattga 120
ctggaatgat gatcttcctc tcaacattga ggtcccaaaa atcagcctcc acagcctcat 180
tctcgacttt tcagcagtggt cctttcttga tgtttcttca gtgagggggc ttaaatacgat 240
tttgcaagaa tttatcagga tcaaggtaga tgtgtatatc gttggaactg atgatgactt 300
cattgagaag cttaaccgg 319

<210> 664
<211> 305
<212> DNA
<213> Homo sapiens

<400> 664
caactcgagg agaaaaccaa atctattgaa ctccattgat gatttggaat gttgatagtc 60
acaagcaaat gtaagaataa gaaagactgc tttctcatga aactttttaa taaaacttct 120
ggaagcattt tcataaccaa atacctggag tacactgcct cactatcctt agtcatgcta 180
gctttctctt ccctgcagta tagatctgcc aattcaaata tgtatggcac cagggctggc 240
atagcgagaa tgattcaatt agtaatatgg cattgttaaa atattataaa gcggggccagg 300
cacgg 305

<210> 665
<211> 309
<212> DNA
<213> Homo sapiens

<400> 665
catgactgac tcctcttttg gcatgtctta gtaagagtc atctcttttag agagagtgtc 60
cttgacaaac aaatctaaag taaacgctcc ctgctatttt ctccataaac atcctggcaa 120
tagtggcagg cagggagatg ttcatattac tgagcacggg tttgacttga tattagaata 180
tatatttatt tgctcagctt tttttttctc atccctaata aagtttaaat taaattgaag 240
attgttgagt ttgaaaatac aggaaggaga gactgtcatg gattacccat tgatagagga 300

atgtccctg

309

<210> 666

<211> 310

<212> DNA

<213> Homo sapiens

<400> 666

attcatcagg	gacaaaaacg	ttcatgttca	ttcagcattc	gtgggtctgc	tctacccaag	60
aagttttctc	actcttcatt	ggttctacca	agcataagca	aatcaaaca	ctcattgaga	120
gaatgtcatc	agccaataaa	ataagaaact	gctcccaggc	cctgaatcag	cttattaaaa	180
ttgacctctg	ggactagctt	ctcctaatac	ataaaattat	aaaaaagact	tagacacaga	240
acctcaagtc	tggtctacca	ggaaatttta	cacaagtatt	ccagaaatca	accaatcatt	300
ctaaccatt						310

<210> 667

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(311)

<223> n = A,T,C or G

<400> 667

tctctctttc	tctccctcc	ttccgctgtg	gttaaacaca	gaagacagtt	gcagagttgt	60
aggtcaaagg	gttattttta	gcataatgaa	ggacagccca	aacagaggat	aggctttatg	120
gccaaagttt	gtgctcaata	aagagtcctt	ttgagccggg	cgccgtggct	tacgcctgta	180
atcccagcac	tttgggaggc	cgaggcgggt	ggatcacgag	gtcaggagat	cgagatcatc	240
ctggctaaca	cggtgaaacc	ccttctctac	taaaaatata	aaaaattanc	cgggcggtgt	300
ggtgggtgcc	t					311

<210> 668

<211> 308

<212> DNA

<213> Homo sapiens

<400> 668

ttagatttcc	ctaattatga	atgatttgag	gagcttttca	tgtgcttatt	ggccatttgg	60
gatcattttt	agagaaattt	ctacttaact	cttttcttgt	taaaaaaaaa	ttgattgtta	120
ttgcttacta	gcggtttta	ctcgtaactg	gtgctcagtc	tctctgggac	tgaatcttct	180
catcttaaca	gcagggacac	tcacctcacg	aggttgctgg	ggtgcataag	atgaggtggt	240
acgcattgat	gctcaaccce	gtgcctgatt	cacgggagaa	acctaaaaca	tttgttatta	300
ttgtacca						308

<210> 669

<211> 304

<212> DNA

<213> Homo sapiens

<400> 669

tgatccgccc	gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgcgccc	60
gcctgtacca	acttctta	gcctcaactg	catctctgct	tggactttta	ctgcaaaca	120
atatattatg	tgatgtttta	aataaaaaga	atatgatgtt	cagtaataac	tggtggaatg	180
agagaatttg	gtcccatctt	ctctaataac	aaaggagttc	tgctcctaca	tctgagcaaa	240
attataacct	ttttacataa	aacaactgcg	aagagtccca	gcatgaacac	cgcagtctct	300

9999

304

<210> 670
<211> 150
<212> DNA
<213> Homo sapiens

<400> 670
taactgggca tatttaaaga gaatttaaga catagccaga tgatctcaca tcattttaac 60
gtgcaagata ttcgagtgtg tgcacagtgt atggaaaggc ctgctgactc cttattcaaa 120
ggcttgcatc ccagcccggt ccaccactta 150

<210> 671
<211> 313
<212> DNA
<213> Homo sapiens

<400> 671
cgtgcctata atcctagcta cttggggaggc tgaagtgtga ggaccacttg aactcaggag 60
ttccagcctg cagttagcta taattacact actgcactcc agtctaggca acagaaggag 120
accctgtgtc tttaaaaaaa gacaaagaaa aaaagaaaga gagttagaaa gagccaggag 180
acatagggtt tagtggtctt gtgaggcata aagtctctgg tgaccccatg gatatttcaa 240
agaggtcttc acatttcctt gtatcacaaa atttgatggg tgactaataa aacatgtaca 300
gatgtgcctt aag 313

<210> 672
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 672
ggagaaccct tgggggttac atttcaatat ggggcaatta ttggtggcta caagtaggtt 60
cgtgcaatta ttggtggtag gatttgagct ggcctgaacc acaatattca gacactaccc 120
ottctgtctg cccctctcac tatcccaagg gagaagggat tccaaaatct caacacttca 180
ctttctctga ttaagctgtg aatgcaaaca attgttctag tcattcaatg tcttctgagg 240
aaaaacaatt cagtgcagaa tctaacatac accatgtcta tcatgtaaaa tttatgccac 300
agaaaaan 307

<210> 673
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 673
caggctgtgt gggaaactgg ctgtggtggg ccggtctgag gtctcaagtc tgacaggggc 60
cactggagcc tccaactcac caatcaacca agtgtgagag gttgctttgg ttgaatggcc 120
atgtgctggg gtctgactgg ccagccaca gggaggctgg catccctag ctgagtcctg 180

tacccagacc	ctccagggca	tggagcccat	tgtgaggggt	ctggtgctga	agtgggtggg	240
gagggcccg	caggcctaca	gctttgtcat	ctgcaacatt	cctctcccca	ctttctttaa	300
actttt						306

<210> 674
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 674						
tcctttcctt	ttagtcttta	tctcattggt	atatgtgatt	ataatggtgt	catttatgca	60
gttgatggt	ctattttaaa	ccttaaaatt	tgttacttac	caactttttg	aatatgctg	120
actgaaatga	ttcatactgt	agcatgtgtg	actcagggtg	gtgaaagggg	gtttgttttg	180
aatancaaga	tgagcatcat	actagtcttc	caccacaaaa	cattccatgc	aacttgagac	240
acagatgaaa	cagccaattt	tcttcttggc	ttgggggtgg	ataaagggtg	gattgactca	300
tagagggctt	acg					313

<210> 675
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 675						
tactgacata	gtgacttagt	gatttagtag	tgattatgtg	acttagtgac	atagtgactt	60
agtgattatg	tgggtttttc	caaacaacaa	acatgtgttg	catactttct	gtgatagcca	120
atgagaattt	aaagatacat	agagcataac	tggtgcccc	aagcaacaat	gtaataaaga	180
aacaaatata	tatgaagaga	actgcaaaa	actgcaaaata	tgtactttca	tagaagcgtg	240
tgcaaaaggt	ttggtgatga	tacttttaaa	gggaccagag	aagtcatagc	cagggttgat	300
ttccataagc						310

<210> 676
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 676						
agagtaagac	cagtaagaca	ttctcaaaga	gttaatggct	ttttgattca	gagttgcttt	60
cttgggcctt	ttctcctttg	tcagcttctt	tagaaatccc	atgctgctcc	aagttgttgg	120
gatgtttgaa	tatctggaag	tgataagaga	tgacagaaag	tcaaggtata	tgactagagc	180
agcagccacc	aagggtgagt	tcctagtctc	cttaagaagt	gactggtcac	tcaaggtggt	240
agaattaaga	gcataccttt	ggggagaagt	agctacagat	gcagctaggg	cagatcaagt	300
tgттаатggg	cgg					313

<210> 677
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 677						
actgtactcc	agcctgggtga	cagagcaaga	ctccgtctaa	aacaacaaca	actctaccct	60
ccttttccat	tataggcttc	tggcctgaaa	caggtttgct	atatagcaaa	acatcaaaaa	120
caaagccaaa	agacaaatga	caaactgggg	caaataggca	aacggttaat	atgttaatat	180

gtcttatata	taaataacat	taaattgggt	ttggagtttt	tattaatatc	atggacaacc	240
attctgattt	ttgcattgag	acagtaaccg	taacttaaaa	tgaccgtagg	attgtctact	300
aactaagagt	ga					312

<210> 678
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 678						
ggccccccgt	gcagccacct	gctgcacttg	cgcactggga	gcgacacgct	cgggcataag	60
tagtgccgga	aagttagctg	ccgagacctg	gtggattgct	tttcgtttat	cagtgcagga	120
aaacagcgct	atagtactgc	gtcacaacta	gcgcagactc	cggcagtatt	tatgcggtgc	180
ggcttgggaa	ctagaatcca	cttcctgtct	tccgcctcag	gctagagggc	gagcgcttcg	240
ccgtgggact	tcttctgect	ggctccgcct	cttgccccgg	aagtactcac	agcggacgg	299

<210> 679
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 679						
ggcctctact	gggaaccacc	ttctgtagga	cagtcaccag	gccagatcca	gaaggcttga	60
ggccctgtgg	tccccatcct	tgggagaagt	cagctccagc	accatgaagg	gcctcctcgt	120
tgctggtatc	actgcagtgc	ttgttgagc	tgtagaatct	ctgagctgcg	tgcagtgtaa	180
ttcatgggaa	aaatcctgtg	tcaacagcat	tgcccttgaa	tgccctcac	atgccaacac	240
cagctgtatc	agctcctcag	ccagctcctc	tctagagaca	ccagtcagat	tataccagaa	300
tatgttctgc	t					311

<210> 680
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 680						
ttccagagta	ccactgaggg	cccgaacttg	atctggtact	ccttctccat	ttgtgtctct	60
tatattagtg	gttccctaac	ttttagcac	gttagcgta	cctggggggc	tttataaaac	120
cctgatgccc	aggctcgtgc	cttatatta	taagtaagaa	tgtctgggga	gggtgtccct	180
ggggctccag	tagcagagtt	tgggagctgc	cttcctacca	cttggccttt	cattccctgt	240
gttcccttct	gtctacattg	gccccctact	ggtccacact	caggggtctg	tcctcattcc	300
ccctctgcct	gg					312

<210> 681
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 681						
gatgtcttat	tttaagatat	tttaaaatgt	tttacatttg	cttaaaattt	tacaattgag	60
aaaacatttc	tgcataaaca	tcataatctc	tttccttata	ataataattc	tgtaagctta	120
tacactgaaa	aaaatggtag	aaaagtaaga	aaaactgctc	aaggaccac	agaccatttt	180
agaattataa	tattaattct	ggtcttctaa	attcagtgca	cattgcatta	catgacagtc	240
ctctccatct	ttagcaacag	agataaaaaat	gttggcatcg	gggccgggcg	cgggtggctca	300
cgcc						304

<210> 682
 <211> 302

<212> DNA
<213> Homo sapiens

<400> 682
aagagttaga aagaaaagag gaaggcggga gaaagcgtgc ggaagcttct gggagtgtaa 60
actttcttgc ccttgccgcg tgcgccctct aaagcccccg tgcgctcccc ctaccccagg 120
ttttcggagc ctcccagcct ctctcgttaa ggcggttccg gccgcctcat ccccgtcctc 180
tgccccaccg cacccaaggt gttggtttcg ggaaggacct acgctgggtc ccccgaggct 240
cctcgggttc tgccgatget ctggccggac ccgagggggc ggcctgtgga cccgcgttac 300
tt 302

<210> 683
<211> 205
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 683
ggcgtgtgag cttggttgtc ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60
tttgctcgcg tcctcacgcg ctttggtttt cccggtctca tggccggcct gaccttattt 120
gtgggccgcc tcccgcctc gtcccgcagt gagcagctgg aggaactgtt cagtcagggtg 180
gggccggtga atcagtgcct cgtgn 205

<210> 684
<211> 312
<212> DNA
<213> Homo sapiens

<400> 684
tacatcattc aaaactttgt gcagattctg aactctgagg agtttcttga cctgcccgtg 60
gacactctgc accacatctt gaagagtgat gacctttacg tgaccgagga ggctcatgtg 120
tttgagaccg tgatgagctg ggtccggcac aagccatcag aacgactctg ctactcccc 180
tatgtcctcg agaacgtgcg cttaccgctt ctggaccgtt ggtactttgt ggagacggtg 240
gaagcagatc ctctcatcag gcagtgccca gaggtcttcc cgctgctcca ggaagccagg 300
atgtaccacc tt 312

<210> 685
<211> 162
<212> DNA
<213> Homo sapiens

<400> 685
gggtcccagg aagatgtccg tcagccccct ggagagctgg ctcacggccc gctgcttcct 60
gccagactg gataggggac cgcagggact gtggctccac cgcaatccta ccagtgtccg 120
cccagccaga taggggaagg ggccgagcag ggggatgaag gc 162

<210> 686
<211> 292
<212> DNA
<213> Homo sapiens

<400> 686
ctgcatgatt tattgtgcta tctggaaaat caattttttc ttcttgggac cacagaagag 60

tctgtttcaa	aacacatttg	cacccttaaa	gctaacatat	tcagtcttac	tgcctctggt	120
atctgtaagc	agaccatttc	catgctattt	ttaggatcat	ttccagaaaa	ataatttggt	180
tcattgtgga	gtctgtcaag	ctaaatggag	ttattttctt	tgtggagttg	gatgagtaaa	240
tctagtccta	agaaaatgag	gatttaaaac	atttcctgca	gagagctcat	ag	292

<210> 687

<211> 293

<212> DNA

<213> Homo sapiens

<400> 687

ggccccccgt	gcagccacct	gctgcacttg	cgactggga	gcgacacgct	cgggcataag	60
tagtgccgga	aagtttagctg	ccgagacctg	gtggattgct	tttcgtttat	cagtgcagga	120
aaacagcgct	atagtactgc	gtcacaacta	gcgcagactc	cggcagtatt	taggcggtgc	180
ggcttgggaa	ctagaatcca	cttctgtctt	tccgcctcag	gctagagggc	gagcgcttcg	240
ccgtgggact	tcttctgcct	ggctccgcct	cttgcccccg	aagtactcac	agc	293

<210> 688

<211> 288

<212> DNA

<213> Homo sapiens

<400> 688

tgttggtgcca	aggggttaaa	gaagggtccca	tctggccctg	agtcccagtc	ctcaggtgtc	60
cctgaggtgt	ctatcatctg	tgtgggtccac	attcttcagt	tcacatatgt	ccccactgag	120
aaggetgcat	cagccatcgt	gaccaactct	gagtcaggct	tgaggacca	ggaatcagtc	180
atttgactgc	ttctgtgtcc	tgtgggggtg	ctgtttgtgg	caatgactct	ctggacccat	240
cacacagatg	tccccctctt	gggttcttgt	tgtccccctt	ggactctc		288

<210> 689

<211> 286

<212> DNA

<213> Homo sapiens

<400> 689

ctgaataata	ttattacaga	actgaaaaaa	aaaacccaaa	aatactactg	taagtatata	60
aaaacataat	tgaatgtgaa	attgttctgt	tttatgtaaa	ttatgtttaa	agctaataaa	120
ggggaaatgt	ataaaattat	aaagaattta	aaaaataagg	cggggcacag	tggtcacgc	180
ctgtaatccc	agcacttttg	gaggccgagg	cgggcggatc	actaggtcag	gagatcaaga	240
ccatcctggc	taacatggtg	aaaccccatc	tctactaaaa	aaaata		286

<210> 690

<211> 284

<212> DNA

<213> Homo sapiens

<400> 690

gactgcatgc	acagggttta	cattttcttg	tgaatctata	atcatttcaa	aatgcagggt	60
tttaaaaaaa	gtcgttacac	tggaaatgaaa	taaaatgaaa	taatgtgaga	aaaatagaca	120
agaggattaa	accgcttatg	cttaataata	ctgagactat	gtcgcagaga	aacttctaag	180
gaatattttt	ggtcaagaga	tttgtatcgg	tgcggttcaa	agatacacga	aaatttgatg	240
ttgttgaaac	tttcctaaaa	atgatacaga	ggtaacaata	tacg		284

<210> 691

<211> 283

<212> DNA

<213> Homo sapiens

<400> 691
aagaacaggc ggttgctgct catgtagatc tataaatatg tgctgtatgt cttttttgct 60
tttttttttaa aaaaaaagaa caactctttt tgctctctta aattacatac aagcatcgta 120
gtcttggttag aaccacaatt ttgtgtgttt atttataagg caattgagtg gggcgaaaag 180
agcattattt acctgctgaa ttcaacatct tggaagcacc agggaaaaaa ctaggatcct 240
actattattt ttgcggcaga taatgactct agtttgactt ctg 283

<210> 692
<211> 285
<212> DNA
<213> Homo sapiens

<400> 692
gcctgctacg cagccttaaa acctgaggct ttaagttcct agtattgaga agccccagat 60
ttcatactta ttactctgt tggtttcact ttctctcca tttgtgtct cttgggatag 120
gctttgtttt attttcaagc tcagctatgt atataaaaga atgctgggct gggcgagtg 180
gtcacgcct gtaatcccag cactttggga ggccgagttg ggcgatcat gaggtcagga 240
gttcgagact agcctggtca acatggtgaa aacctgtctc tacta 285

<210> 693
<211> 280
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 693
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gtgtaggaat ccttctctccc aaaactctaa cagtacattc tcaggcttcg tgagctcacg 120
cttaagacac attattttct gatgctggac agcttcttta aaaaaatgta gattcttaca 180
ttaagctaaa atttatttta tgaaagttca agaattctgg tccaaattgg gatgaggcct 240
atggtgcagg acttccgtga aattttatga gattacaaan 280

<210> 694
<211> 274
<212> DNA
<213> Homo sapiens

<400> 694
tggaaggctg gcacgggggt gagggatgaa atactatcta ttgagttcaa ggtacactac 60
tcgggtgatg gatagagcta acagcccaat cttgaccact atgctatata tgcattgtaac 120
acaactacac ttgtaccctt aaattttatac aatatttttt taaaaaggag aagatagtg 180
ttagtcagat gattgggtcta aggttagagg ggggtgggta tatttaaaaca gcacactttt 240
gtacaatctc ttagatatcc taactaaaga aaac 274

<210> 695
<211> 268
<212> DNA
<213> Homo sapiens

<400> 695
ggctgaaata attttaagta gcttgcccca aattacatgg gcaacaaaag gagctgaggt 60
ggcactaggt agagcgcaac tcgtgtcatt cctgcgccac tttgtgacca tatcacaatg 120

tctttcctgc	cctacaaaa	taggtattaa	taacagccaa	tatttatatc	attctcttac	180
atgcaaaaca	ctgctatgat	gcgttatctc	acctgacctc	cacagtgtctg	taagataggc	240
accatgattt	tactcccttt	acacacgg				268

<210> 696
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 696						
ggcacgagcc	cccaccctac	cacacattct	atagaactgc	accaacccca	ggaaccgcaa	60
tcagatctct	aaggcgggcg	ccgggaaaca	ggcccccgag	ctgccagact	atgccccaga	120
ctaccagcac	aagttcagtt	ttgacatcat	gcctacggcc	cggcccaaga	ggaagggcaa	180
gtgtgccccg	aggaccccc	tccgtgcccc	cagcggggtg	cagcaggcct	cctcggccag	240
ttccctgggg	gcctccctcc	tggctctggac	actggggctg	gcggtcactc	tccgtgagg	300
acccacggcg	ttagcaccca	gcactgccac	atgtccacca	aggaacagaa	tttattttct	360
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gggggtgt						428

<210> 697
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 697						
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gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgctgggt	ctggaacggg	tgtgcagcac	tctcctgggc	ctggagggaac	180
acctgaatgc	cctggaccgg	gctgctgggt	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgctctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
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ggtcagag						428

<210> 698
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 698						
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cgaagcggat	ggcgctgggt	ctggaacggg	tgtgcagcac	tctcctgggc	ctggagggaac	180
acctgaatgc	cctggaccgg	gctgctgggt	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgctctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	ccctgaaagg	caagaccagc	ctcccagcct	420
gggctg						426

<210> 699
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 699						
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tcgggaccta	tggtagaaaa	atactcagta	gctaccacaga	ttgtaatggg	tggcgttact	180
ggctgggtgtg	caggatttct	gttccagaaa	gttggaaaac	ttgcagcaac	tgtagtaggt	240
ggtaggtttc	ttctttctca	gattgctagt	catagtggct	atgtgcagat	tgactggaag	300
agagttgaaa	aagatgtata	taaagcaca	agacagatta	agaaacgagc	gaacaaagca	360
gcacctgaaa	tcaacaattt	aattgaagaa	gcacagaatt	tatcaagcag	aacattgtga	420
tatc						424

<210> 700
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 700	
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tgacttggcc	gccgtgtcca acaaattccg agacctcttg caggaagggc tgacggagct 180
caacagcaca	gccatcaagc cacagggtgca gccttggatc aacagctttt tctccgtctc 240
ccacaacatc	gaggaggaag aattcaatga ctatgaggcc aacgacctt gggtaacaaca 300
gttcatcctt	aacctggagc agcaaatggc agagttcaag gccagcctgt ccccggtcat 360
ctacgacagc	ctaaccgggc tcatgactaa ccttgggtgcc ggcgaggtgg aaag 414

<210> 701
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 701	
ggcacgagga	acgtcctatg tgggactttg gggcaaacac cagtttggct gccccaggag 60
aagagggccgc	cctggcccag ctccatccat ctggagagca acacagacct aggacccccg 120
gcöcgcatct	ggtcgacaga tgtgtgtctc tatctggcag gcagccccgg ggacccagca 180
gaaatttttg	ccctagccta gctctggaat cgacctccag gtatcttttg aacctgagggc 240
ctcctcctct	cacacccaag aaggccccca ggöctgtggt gctgtggtcc tggccccctgc 300
agctgggact	ccaggaagcg tgccgagggc caccatgctg gctggcagct cccaagggca 360
ggtctgtctg	agccctcata ctgggagtg gctgggtag acaa 404

<210> 702
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 702		
ctaaccggtg	agcttcaggt ctgcattttt ctttctcttt ttttagtggg cacagctatg 60	
atatcaaaag	gtaggcctgg aaccaagctg atgggagagg gaagacctga actggtcagt 120	
ataagaagga	aatgagaaat gaacaggaat gaaatggggc gcgagtggc agagagcaaaa 180	
naaggaagt	tgggcagtga gtgcctgatg gctgcggagt ttctgtttca aacgataaaa 240	
aaaaatttta	gaaatggaca caacattggc cgggcacggt ggctcacacc tgtaatccca 300	
gcactttggg	aggctgg	317

<210> 703
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 703
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 gcattctatt cttgactcaa gaatgtaaca ttttgctctgc atatattcat ttttttgaag 120
 ttttcttatt cctgcatagt ctattgcttc atgtatTTTT tttgtttttg ctttcttttg 180
 gactctgtca tgttggaac ttttctcaat tgcttccctt aggttaactgc ataatgtgat 240
 gtggaagatt caaaagttga ttgccttatc taaattcgac agtttgaaac ttcccttttag 300
 gctgatctgg gtcagccatt ttgggagagt tctccagaga ccttaagtct tatgtcttgt 360
 gctgggcaga caccctcagg gaatagtctt ccattttt 398

<210> 704
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 704
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 ccaaaggctg ttattttata gtggaagctg acataaagga gttcacaact ttgaaagctg 120
 acaagaagtt tcacgtgtta ctgaatattt tacgacactg ccggagggcta tcagagggtcc 180
 gagggggagg acttactcgt tatgttataa cctgagtcctt ttgtgaactt ttgaacatac 240
 caacagggtg tagagtatag aggcattttc tataattttc ttatatataa tttttttaac 300
 ttttaactct ttttgcttcc tttttttttt ttttaaaaaa agattttttt ttttaacaccg 360
 ggggtttttt ttttcccccc agcttatttc tagga 395

<210> 705
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 705
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 tctagacctg ggtgctctac gggtgatggg aggaccagcg gggaggggca ggctccctgt 120
 ccagagtctt ggaggtgggg ccctgggtgg tggctctggc tgtcccggcc ttgagtagct 180
 gggatctcat gagtccggga gtccctctgt gtccacatcc tgcagtgtcg cgggggctgc 240
 ccggccagat gcaggccagg gctggacact tactcctcct agacttagct tgaacagtgg 300
 cattaaccat ggtcactccc ataaaccag gctccagacc aggggcccga gagcgaggcc 360
 tggggactgg gaagtccan aaccccgagg tggag 395

<210> 706
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 706
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 tacaaaaaac agccgggtgt ggtggcaggc gcctgtaatc ccagctactt gggagactga 120
 ggcaggagaa ttgcttgaac ccaggaggcg gaggttccag tgagccaaga tcgtgccatt 180

gcactccagc	ctgggtgaca	cagtgaagaca	ttgtcaaaaa	aaaaaaaaaa	aaaactgctg	240
ggggcctttt	tttgctgaat	cccaaacatg	gtgaacacct	tgggtggggtg	ggcccaaccc	300
cctttgaaat	ggcgggaaaa	aatgggcttt	tttgggaaaa	ttggggagcg	tttggttttt	360
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<210> 707

<211> 394

<212> DNA

<213> Homo sapiens

<400> 707

ggcagcagca	gcttttagagt	cccctagaaa	gagcatcatc	tttgagcctt	atccctctgt	60
ggtggacccc	actgatccca	agactctggc	ctttaaccct	aagaagaaga	attatgagcg	120
gcttcagaaa	gctctggata	gtgtgatgtc	tattcgggag	atgaccagag	gctcatatct	180
ggaaatcaag	aaacagatgg	acaagttgga	tccctctggc	catcctctcc	tgcagtggat	240
catctctagc	aacaggtcac	acattgtcaa	actacctctc	agcaggtggg	tcccacattg	300
agaactggca	ttcgatcctg	cgcaatgggc	tgggtcaatgc	atcctacacc	aaactgcagg	360
aatgggaaaa	ggacagcaca	ggatgccttc	caag			394

<210> 708

<211> 396

<212> DNA

<213> Homo sapiens

<400> 708

cggtgctgtc	ggcagcggcg	ctggcttttag	aaaattactt	ttcccactga	aacacaccca	60
agtatatgcc	cagccttcat	gaaagtgaac	agagaaacga	agcgccttta	tgtgggtggc	120
cttagccagg	acatttctga	ggcagacctt	caaaatcagt	tcagcagatt	tggagaagtt	180
tcggatgtgg	agatcatcac	acggaaagat	gaccaaggaa	acccacagaa	agtttttgca	240
tatatcaaca	tcagtgtagc	agaagcggac	ctgaaaaaat	gtatgtctgt	tttaaataaa	300
acaaaatgga	aaggtggaac	attacaaatt	caactagcaa	aagaaagctt	tctgcacaga	360
ttggcccaag	agagagaagc	agcaaaagct	aagaaa			396

<210> 709

<211> 385

<212> DNA

<213> Homo sapiens

<400> 709

cggtgctgtc	ggcagcaaaa	aaacagttat	gtgagcagtt	tcacttggag	gttcacatgg	60
ggtggcagca	cacttaacat	ctaacacacc	aggttcattg	tgttcataac	acttgtcatt	120
tactgtaaca	acattttttc	ataggagagt	aaatagccct	tcagcatgct	cattcatgaa	180
acagaagagg	ctgtacaagt	gaagacaagg	gctttttatg	caagttttga	aagataggta	240
tttatttttt	ctagagacag	gagttttgct	ctgttgccca	ggctggagtg	cagtgggtga	300
atcatagctc	attgaagcct	cgcactcctg	ggctcaagtg	gtcctcctgc	ctcagcttac	360
tgagtaagga	tatgtatttc	ttaaa				385

<210> 710

<211> 386

<212> DNA

<213> Homo sapiens

<400> 710

cggtgctgtc	ggtgaccaga	aatctctatc	acagatttat	tgatgaagaa	acgaaggata	60
ccaaaggctc	ttattttata	gtggaagctg	acataaagga	gttcacaact	ttgaaagctg	120
acaagaagtt	tcacgtgtta	ctgaatattt	tacgacactg	ccggaggcta	tcagagggtc	180
gagggggagg	acttactcgt	tatgttataa	cctgagtcct	ttgtgaactt	ttgaacatac	240

caacagggta tagagtatag aggctatttc tataattttc ttatatataa tttttttaac	300
ttttaatctt ttttgtttcc tttttttttt ttttaaaaaa agattttgtt tttgccccca	360
gggggtttttt ttttcccccc agctta	386

<210> 711
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 711	
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ttgctggctg gccaccaagt gaagataaac tggcctgggt cacaagtctt ttttctgtgt	120
ctagttgccc aaggtggaca catctctgtc atgtctcagg accagtaaac tcaagctatg	180
cttgggaaggga cagaattgat caagatggaa tgactcctga gaggagacag tagtgatatt	240
tctgctccac tgctatttat ttttctggct tcaaggttca gattcaacca tggcaggaga	300
gaaagtcctt agcagnttct tattttatat tttttttggg cctatgcacc cctcattaat	360
aag	363

<210> 712
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 712	
tgaacccggg ggggggggttt gcagtgcgcc aatattgtgc cactgtactc cagcctgagc	60
aacagcgcca gagtcgttct caaaaaaaaaa aaaaaaaaaa ggggggggttt aacccccctgg	120
tatcccccac cttttggggg ggggggggat tctcattttt tgccgggaaa aaatttccag	180
gttgggagtt tcttaagttt ggaaagggtg ccccttgggc ttttaataacc tttaaagggt	240
aataaaaaagg ggggggttcc cccgggaatc cccacattt tggggggggcc gggggggggg	300
gaccaaaggc cagaatttta aacccccccg gcccaacata ggaaaccctt gttttattaa	360
a	361

<210> 713
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 713	
ggcacgaggt tgggtagaga cggtgttttc accgtgttag ccaggatggt cttgatctcc	60
tgacctcgtg atccgccctc ccgcctcggc atctcaaagt gctgggatta caggcgtgag	120
ccacggcgcc cggacttctt tcttttttaa gcaaagcctg ttagaatggc ttggatctcg	180
aggtggcgct ttaccggacc tccgagggtc ctgcagccgc tgcgggagaa tgacctgtc	240
ggatattttt aggtgcttt gagcgcgcc cctgccaag taccgggcca tcaaggccct	300
gatgcggcca gacccgcgcc tcaagtgggc ggtgctggtg ctggtgctgg tgcagatgct	360
ggcctgctgg ctggtgcgcg ggctggcctg	390

<210> 714
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 714

cgttgctgtc	ggcctattac	aagcacattc	tttgattgag	tcattggata	taaacttact	60
aaatgcataa	aaagcagtc	atttacgaaa	cttctgagtt	ggtgggacac	tggtgattaa	120
taatgtactg	tatgaattaa	gagatgcttt	aactttgatt	ttacatttta	taggtaacat	180
gtggacatta	tagtatcaaa	catattggca	ttatgtcggc	atactagaaa	cattgtattt	240
cctgtgcttt	taaagtatac	tctttacatg	atctgagaga	ggattcaagg	tgatagaaat	300
agctgagggg	aaaaggggga	acatttttgg	atgaagattg	gccttatgg	gatgggttaa	360
ttacacatta	tgatgttaga	ag				382

<210> 715

<211> 351

<212> DNA

<213> Homo sapiens

<400> 715

tacggctgcc	agaagacgac	ggaaggggtg	cagtggcacg	atcttggctc	actgcaacct	60
ccgcctcccg	agttcaagag	attctccggc	ctcagccccc	tgagcagctg	ggattacagg	120
cacctgccac	caagcccagc	taatttttgt	attttttagta	gagacggcgg	tcaactcctg	180
gaactctgaa	tgaagcgaaa	atgcgtaatt	tgggataata	tcaaacctgg	cgtggtgagg	240
aaagcccacc	acaagcccgc	ccctggaatt	tctccctcct	ataaaccag	gcaacataaa	300
taagtgtggc	tgggcgcccc	ctcctcccaa	aaactcttgc	tgaaggacgc	c	351

<210> 716

<211> 378

<212> DNA

<213> Homo sapiens

<400> 716

cgttgctgtc	ggagacttcc	caggaaggtc	cagcgccctc	tcagccttcg	tactcagaac	60
agccgatgat	gggcctcagt	aacctgagcc	ccggctcctg	ccccagccag	gccgtgcctc	120
tcccagaggg	gctgctccgc	cagcggtaca	gagaggagaa	gacctggaa	gagcggcgg	180
gggagagggt	ggagttcctt	cagaggaaga	aagcattcct	gcggcatgtg	aggaggagac	240
accgcgatca	catggccccc	tatgctgttg	ggaggggaag	cagaatctcc	ccattaggtg	300
acagaagtca	gaatcgattc	cgatgtgaat	gtcgatactg	ccagagccac	aggccgaatc	360
tttctgggat	ccctgggg					378

<210> 717

<211> 381

<212> DNA

<213> Homo sapiens

<400> 717

cgttgctgtc	gggacatggc	acctttctgc	tgtgcctgga	aaccattttac	cagaaagtga	60
cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	acttaccagt	120
atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	cccatccgga	180
agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	ctgttccacc	240
agtacctgca	gaaggcaacg	catgatgggg	cgccagaact	aggggcgggg	ggcacacggc	300
agcaacagcc	ctcagcgagc	cagagctgca	tctccatcct	ggtgtgtaca	ggcgtctaca	360
atcccaggag	cccacagtcc	a				381

<210> 718

<211> 344

<212> DNA

<213> Homo sapiens

<400> 718

ttaaggaacg	gaagttaaga	atgtaacaga	caaagtaaaa	agacggcaga	gttgactgct	60
aagcctaata	cttttaggct	tctcatgtta	ccttgcttaa	aattgctgta	taattttcaa	120

aatgccccac	ttcagtttta	aaaagtaaaa	taactattta	atttatttat	agaattaa	180
gaaaaaata	gtaaatctgt	gtttttgcct	agaattagtc	cttagacact	acatcaaaaa	240
acaaatcttg	gccaggcatg	gtggctcaca	cctgtaatcc	caacattttg	ggacaccaag	300
gcaggcggat	aacctgagat	caggaattca	tgacccagct	tgcg		344

<210> 719
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 719						
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gccccgagct	gttttgtgtg	taatgaagtg	gttctttgat	taaggagctc	tattttcttat	120
ttaaactgata	tccactgcc	ccactccaca	aaataggaaa	atgaagaaat	ctttctctct	180
gacttgttta	catcatttca	cggaacacaca	tctttgtttg	taatgcagta	ttctttctct	240
gtgtttgaca	gagatgggga	ggggcagagg	aatttaagag	gttttaaaag	aaatgttatg	300
tttcttatga	cttgtttcca	ctcctcgtag	aatgctattc	ttaggtttct	acgaaaccta	360
atgttagaac	cgcac					376

<210> 720
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (349)
 <223> n = A,T,C or G

<400> 720						
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ttggcactgc	tgtgtcccat	agccctgaag	acggggacca	agaagctcac	aaaggtacag	120
ggactagagg	agaggggcca	gatttgggac	gcaggctctt	aaatagcagc	agatgggtca	180
ccctctcctg	ggaaacctgg	acagatcctt	tcagtggcag	cattcatatg	ggaatggggc	240
tactctgaac	gggaattttc	gggagtctgt	gaaccataa	ctagggtgct	gggggatcct	300
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<210> 721
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 721						
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ctagtaattc	gtcagacatt	gcagggatat	tgtgtagtca	gatattaccc	tcttgtggaa	120
agaactacct	cacatcatta	tttatttccc	ttctgttacc	aacagccaag	gaattactta	180
gtgtggctcc	ctgcatcaat	actgggatat	gcttaaacia	gggaatgcc	taagagttcc	240
caattgcctc	gtcatagcct	gggcataga	ttttgttac	tgctaattct	gcttctttaa	300
gttcacacc	agtgcacaaa	acccaatcag	caaactaacc	ccaaaatcca	atatatttag	360
aaatgtaagt	gttaa					375

<210> 722
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 722

acaaagagga	attagtgaat	gaataaatga	aagtctatat	ggtaaagctg	gggcatggta	60
ggactagtc	tttagaagtc	tcctgattct	tagtttactg	ctctttgcaa	tccacagcat	120
taacccccac	atatatatgc	cccaggtgta	gcctgactca	taacatcact	aacctacta	180
ccaatgggta	tgtgtaagca	ctttgtgctg	gggttaaagct	tcaaactttt	cttattgaga	240
ttagatgac	taagcagtag	agtcacctaa	atcaagggtc	agggccaggc	gcggtggctc	300
acgcctgtaa	ttccagcact	ttatgaggcc	gaggtggctc	g		341

<210> 723

<211> 371

<212> DNA

<213> Homo sapiens

<400> 723

cggtgctgtc	gggctctcta	gctcctccct	gagtgtggt	gttctttgca	gtgattat	60
tgtagccatt	tacctgtgat	tcaggggcca	gggtgaggcc	caagagtggg	ggtcggggcag	120
tggacaggcg	ggccaggctg	aaagacctct	gacaagggtg	tgtgtggggg	gcagggtgtgg	180
ccggtgtgga	tggcatgctg	ggtcgggtgc	cacagagtgt	gggtggacgag	gaggacagtg	240
gtctgcagag	caccctggag	gcctcgctgg	agctacgggg	cctggcccgc	gttgtctgata	300
acgcccagca	gcagtatgtg	cgctcacgcc	cggcgcacct	gcctgagtc	atcaagaggg	360
cgaaggagat	g					371

<210> 724

<211> 333

<212> DNA

<213> Homo sapiens

<400> 724

catgggggga	aaagacctct	ctaattgttat	gtagaaagag	aaggaggggag	tgcccccttct	60
agcgtggatg	ccttttggttc	ccagatctgg	atttgagggg	ctggctctat	ctcttaagaa	120
gacatttacc	tagcattggg	aatggagatg	gggccttaat	agggctaggg	aggcacaccc	180
aactccagac	acagctctct	gctgttcccc	ttcccagtg	acacagtc	aattccccact	240
ccagaaaatt	ttttaaaaaac	atatcttaaa	aaaaccccaa	agagccaagc	agaccctcag	300
cttcaaggga	tctcctcatt	ctctctctct	ctc			333

<210> 725

<211> 334

<212> DNA

<213> Homo sapiens

<400> 725

acgtcctact	gtaccagcaa	taagacaata	tgaataccct	gcaaccttaa	gggtgcttgaa	60
gtaagtaata	cgctctcaat	gagacaaaag	caacaatttg	gaaacaaaag	tggaatttaa	120
caatgccact	ggtttctgtt	taaagaattt	atgtatcggt	ctttcattgt	gaataaactc	180
agtaagcagc	tactcaaag	atgtgattac	atggtctagg	aatatactct	tggtctccaa	240
aatgacttct	ctatgactcc	tggtagtata	tgaaacttag	taattaacac	tttctaccat	300
ttaaatcaaa	taaatatgtt	tatctctgtg	aaag			334

<210> 726

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 726
aagctcggaa aaagaaatag aagagaaggg ttatgatgga tttccttgat ttattcagat 60
tgtgaaaacc taacagataa atttccacaa aattaaagaa aattcaaata ttagatgggt 120
gaagaagtcc ctccaatttt aaataccagt aactcatcat ttacctgaga ctagaaaata 180
actagatatg cttaagatgc ttctccattc ttgttgggtc ccgggctaca ttctttctga 240
taggtaccta gcgtgtatat tacacttcac atgtgcatgg catactgcag tgaatcaagc 300
aatctggggag ggaaaccttg ccagaggaga aatn 334

<210> 727
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 727
tcattttatg ctgccttctt agatgcaagt attcattcat cccattatgt actcaatcaa 60
tgaatatatta ctgaatcctt tctacatacc agacattgaa ccagacatgg ctcaatgagg 120
acttgggtgta gcccttgagg gagcttacag tctcagagag ggaaacagtc atgtaaaaat 180
gagtcgtggg aaaataactac aagtgttttag gataactaat aagtgagaaa aaatagatca 240
gatgggtcttg aattctggaa ggtgagctca ccagatagtt gaattccaaa tacatgcaat 300
ggtatgggtg gtgtgtgtgt gtgtttgn 328

<210> 728
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 728
gcaatgagtc ttaagaaggt aacagcctaa aaccatctca gatgaaatgg agctgctcag 60
agacttttgg gagctctcag acctgggtgga gacctctatc ccaagtcaaa atgcaacact 120
cacttcaaac agaaatatcc ctacaagaca ttaattcaca atttcaacgc tttatgacct 180
cccactatat gccaaagcact tttaaagact tcagaggaat ataaaaatga atcatatttc 240
atcttccatc tgctcaaaat totctttggg tgggcagtggt ggagcagcag aaaagtacgt 300
tatttggttac aggggaggtg tggatgaan 329

<210> 729
<211> 164
<212> DNA
<213> Homo sapiens

<400> 729
ggcagacgca ggggtcggcg ccgggtgaga gcgtgcggcc ggggtgagagc gtgcggccgg 60
attcaccaca acatggcaaa tctttttata aggaaaatgg tgaacctctt gctctatctc 120
agtcgtcaca cggggaagcc tcgagccctc tccacatttc tatt 164

<210> 730
<211> 320
<212> DNA

<213> Homo sapiens

<400> 730

tcagggtgga	ggatcgtttg	agtctgggag	gttgaggctg	cagtgagcca	taatcatgcc	60
actgcactcc	agcctggaca	acagagcaag	accctatctc	aaaaataata	aaattttaa	120
gttgataga	gatgtatgta	aatacataga	aaaaaactgg	aagaatacat	ttaaatagtt	180
aatagtgttc	aacaattttt	taccaggcac	ctactattgg	taggtgagaa	tatattggtg	240
aataaaaacc	cattgatctt	gccctcatgg	atcatatgtg	gacaagatca	gcctttctca	300
actggagttc	tgagagattt					320

<210> 731

<211> 369

<212> DNA

<213> Homo sapiens

<400> 731

ggagatgatt	tggacaaatg	gggttttcaa	ctttgatgtg	aagggaaaag	gggaagtagg	60
ggataccctt	tcagctgtca	ggaactgggc	acctacatgg	gaagccctag	atctgcaaat	120
gctttgagct	ataacaagtt	tgaaaagctg	gatgtgagac	agcactctaa	tttaagggga	180
tgataaaggc	tgggataccta	attctcacc	caaaccctaa	tagcatagtt	ctatttggcc	240
aatccaaaaa	gcacgtgtat	cttgggaactg	acctgtagac	tcccatgggtc	tgaatgaagt	300
gatatgtccc	ctaaagcttt	ctctggctgg	ccctaagaca	attaactagt	aagatagcat	360
accagattt						369

<210> 732

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 732

ctctaggagc	ttccagggtca	cttctaactg	cctgcagctc	tcccttcteg	gaaccctgct	60
gcattcaaag	aggagccgtg	ctatttagct	cttttttctt	gtcttttttt	ttttttttaa	120
aacagggttt	ccctttgccc	cccagggtgg	agagacattn	ccaatgaaat	tctaagcagg	180
ctcccttccc	tcttgcggtta	ccccaaatcc	taattgtata	cctaaaaaga	gtgggggcat	240
aatggggcgg	ccccacaagg	ccaggggggt	tacagtacac	ttggtgatag	aactttctac	300
ccccaccta						309

<210> 733

<211> 461

<212> DNA

<213> Homo sapiens

<400> 733

gtcattgtct	ttttgattat	cccatcgatt	ccaattccgt	tgctgtcggt	ttcccggagg	60
aaatgactat	tacctgacga	tcacagggcc	ttcgacccc	ttcctgtcag	gggccgagac	120
attccataca	ccaagcttgg	gtgatgagga	atttgaaatc	ccacctatct	ccttggattc	180
tgatccctca	ttggctgtct	cagatgtggg	tggccacttt	gatgacctgg	cagacccttc	240
ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg	acatgcctgt	300
gggcatgacc	catggcttga	tggagcaggg	cggtgggctc	ctgagtgggg	gcttgaccat	360
ggacttggac	cactctatag	gaactcagta	tagtgccaac	ccacctgtta	caattgatgt	420
accaatgaca	gacatgacat	ctggcttgat	ggggcatagc	c		461

<210> 734
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 734
 ggagaaggct tttngatata cgcaggatac cacttgcttg ctggtttggc cgttagctcc 60
 aaacattcta cacgttgata gaaaactacg aagagggacg cttatacttg ccatcatatt 120
 ttactctaaa cccctgctac tgggtcattt tttgattatg caggtaaata ccaaagcttc 180
 cacaggctgc tctagtattc tatcgggcat tttattccaa aacttttttt ttacttttta 240
 ctatatgcct agcagagggtc taaaaccttt atacacatta actgacttaa tcttgaccag 300
 atctgcggtat tcagtacatt ttactcccat tctggagctt acgtaaatga aacactgaca 360
 cgctgatagt catgtgttag agtcacgatt tgaacctacg taagcttggc tgcaaaaact 420
 gtgttctcaa atgtctgtac ttttatatg 449

<210> 735
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 735
 tgacgagcac atggactttc tgcgcgatgc ccttcaggac catgcgtgct acttggtgca 60
 gaagaccacc gaagggacac ccacctgcat tgtgagctct atggctttga aaattacgac 120
 acaattcttt tacgaactct ccccttcacc atttgtgtcc acattaccat tgctactgtc 180
 tggcatagca gtccctttta taaatctacc ctaaggctcc ttccatcttg tactgtttcc 240
 tttctccctc ccatctgctc cagaagaaaa aaatatatat atactacaga atccaccctt 300
 gcctcacttt atgatgacgg cattccctat ggaagcccta tgctcctttt cacacacaca 360
 aaaaatggaa gtaatattat tttctttgaa aatcatcaat cctcctacta tgacatatgg 420
 aaagcaaaca gctgtaccca cgaaagggtac 450

<210> 736
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 736
 ctatcttaga acaagttaaa tagtatatgt acttgtaata acttgtgact agatatgtta 60
 gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120
 atgaaaagtg tttaaaaaat taaatatatt agaaggatca atatactaag ggttgtgggt 180
 aattctttcc tactttctaa aacttcagat tcttttcaact cacttaaggt tgtactacca 240
 ttaatgcaat gttttctggg agtgcaagat ttgcanatga attaataaca gctagaagcc 300
 tcactatttg cacttttata acattctttg cttgtatcat tacaagggtg aatttatatag 360
 taatagggtg aaaaaagtat caaaaatcag tgaaaaccac atgggattca tatggn 416

<210> 737
 <211> 412
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 737

aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaag	gcacagtttt	60
atttcaaaca	aagcagtgtt	ttgctgtaac	accgttaaaa	actggaaagg	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaaaac	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaag	tataacattt	agttttctta	240
gacaccanac	gaacaataca	aaatccctca	agggacttag	aacattcaag	ttttctatat	300
ctgtgggttc	aagtctgtta	ccaacttcca	ggactctgct	tctttccctc	tgcccattaa	360
caatgcgngt	gttaaagtga	cttccctacca	ctatagtttt	tacagctgat	tc	412

<210> 738

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 738

tcgatctcaa	ttccgttgct	gtcggcggac	gccttccctc	tgaagcgagc	caccgagaag	60
ataagcgagg	acctcagggc	cacactgaac	gccttccctg	accgcacggg	ccagcacagc	120
aacaagttca	tgctggctct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	180
gaccgcatca	atgagatggt	ccacttcgac	ctgccagggc	aggaggaacg	ggagcgcttg	240
gtgagaatgt	attttgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgcttg	300
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcggct	gacggagggc	360
atgtcggggc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	420
gaggacggng	tcctgaccga	g				441

<210> 739

<211> 403

<212> DNA

<213> Homo sapiens

<400> 739

ggaagcgctg	gcgacgcac	gcgcgatggc	gcgggcggga	cagtgccttg	gaaactgaac	60
acaacaaaag	tatggatatg	ggaaaccaac	atccttctat	tagtaggctt	caggaaatcc	120
aaaagggaag	aaaaagtgt	gaacagcaag	ttatcggctt	cagtggcttg	tcagatgaca	180
agaattacaa	gaaactggag	aggattctaa	caaaacagct	ttttgaaata	gactctgtag	240
atactgaagg	aaaaggagat	attcagcaag	ctaggaaagc	ggcagcacag	gagacagaac	300
gtcttctcaa	agagttggag	cagaatgcaa	accacccaca	ccggattgaa	atacagaaca	360
tttttgagga	agcccagtc	ctcgtgagag	agaaaattgt	gcc		403

<210> 740

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(430)

<223> n = A,T,C or G

<400> 740

ccatcgattc	gaattccggt	gctgtcgccc	agaaggggtct	gcatggggcca	tgagcggggca	60
ctcccaatac	agcttaccgt	acaggctttg	gacatgccgg	aggaggccat	cgagactttg	120
ctgtgctacc	tgagactgca	cccacaccac	tggtcgagc	tgctggcgac	cacctatacc	180
cattgccgtc	tgaactgccc	tgggggccct	gcccagctcc	aggccctggc	ccacaggtgt	240
ccccctttgg	ctgtgtgctt	ggcccagcag	ctgcctgagg	acccagggga	aggcagcagc	300
tccgtggagt	ttgacatggt	caagctgggt	gactccatgg	gctgggagct	ggcctctgtg	360
cggcagggtc	tctgccagct	gcagtgggac	cacgagccca	ngacaggtgt	gcggcgtggg	420
acaaggggtgc						430

<210> 741

<211> 437

<212> DNA

<213> Homo sapiens

<400> 741

gcaggatccc	atcgattcta	aatccgttgc	tgtcgcacag	agccaactaa	cgacagctat	60
ggattatttg	cggttgtgat	gcatagtggc	attacaatta	gtagtgggca	ttacactgct	120
tctgttaaag	tactgacct	taacagttta	gaactagata	aaggaaattt	tgtggttgac	180
caaatgtgtg	aaataggtaa	gccagaacca	ttgaatgagg	aggaagcaag	gggtgtgggt	240
gagaattata	atgatgaaga	agtgtcaatt	agagttgggt	gaaatacaca	gccaaagtaa	300
gttttgaaca	aaaaaaatgt	agaagctatt	ggacttcttg	gaggacaaaa	gagcaaagca	360
gattatgagc	tatacaacaa	agcctctaatt	cctgataagg	ttgctagtac	agcgtttgct	420
gaaaatagaa	attctggt					437

<210> 742

<211> 428

<212> DNA

<213> Homo sapiens

<400> 742

cgttgctgtc	gctgtcacag	acacatat	ggatttgtga	ttttattctc	ctggatggac	60
aattgtgatg	gatttttttg	gttccgggct	tcaagctttg	caatctcatc	ttctttgccc	120
ttcctcttgc	cataatggaa	gaggcgctgc	taatttgggt	tccatccttt	cctgctttca	180
cagactgccc	tgtgatttcc	taaaacattt	ccattagttt	gtttgaattc	tctgattttc	240
ttcccttagg	gccctccaca	ggcctctgtg	ctagtgcctt	gaatgatggc	aagcgtacaa	300
aaaatatattt	ttttcttttt	aaaaacgttt	ttgttccggc	cccccatgct	tgtgagccca	360
attcatctct	ctcgcacgtt	atttccaccc	ctctaccccc	tcagctttcc	agcgtgctca	420
tcaggggg						428

<210> 743

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(424)

<223> n = A,T,C or G

<400> 743

cgagtcgtac	aattttgtaa	nganccggag	cccacgattc	gaaggctcctt	gctttcgggg	60
agaatattct	acttatcaca	ccagagcttc	caccgacagg	gggggggacg	taacacacct	120
tggttcccct	ccggctttcc	ttccccttct	ctccgcctt	ctccttaatc	ataccaaaag	180

cgcctcagct	ctgattggct	ggagctctgt	gctatctcag	ccaatcacia	gccgggctgt	240
gctcctacac	catccgaaga	gcgaatcgtg	cagagaccgt	gtctacgatt	ggcctctccc	300
tgacaaggat	ttaattatga	atTTTTcttt	atggcgtggg	agaggccaca	gcccgactc	360
catcgactcc	cccggctctt	agactaaaat	catgcccaag	tgcaaacac	gaagacgaaa	420
gcta						424

<210> 744
 <211> 429
 <212> DNA
 <213> Homo sapiens

cccatcgatt	cgaattccga	tgctgtcggt	ggctctgtat	ggccagtaac	tgggactcga	60
gctttcagat	tctcaactag	ccttggcaaa	acagctgtag	gtggcctccc	tgacaacaga	120
cactcagacc	tccccaccct	ggctctcctt	gcatttcccc	atgtcccca	ccccctggca	180
aaaggctggc	catgctctgt	tccagcagc	cgcgcagggt	tccccactgg	ctgcaatggc	240
cctacaaaaa	gccatgttgc	atatcggttg	taagcacgtg	ccctgtgccc	tgtccccatt	300
ccttatgccc	tatgaggcca	agctggtgtc	tctaggaggg	cccacacagg	cacctggat	360
ccccagaga	gtaaattggg	gtgctcaggc	cgcaggctga	ctcataggta	gggcagtggg	420
ctctgcagg						429

<210> 745
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

cgttgctgtc	gggctgcggc	cggtttggcc	cttctttgta	ggagagtttc	atccgccttg	60
aaatcttgcc	gatcgттаат	aactcctcag	gtccctgcct	gcacagggat	ttttcttatt	120
ttgttgcta	aaagcacacc	aatgtgaca	tcctttcacc	aatatagatt	acttcatacc	180
acattgtcaa	ggaaaggact	ataagaattt	tttgatgacc	caaaaaactg	ggggcaagaa	240
aaagtaaaat	ctggagcagc	atggacctgt	cagcaactaa	ggaacaaaag	taatgaagat	300
ttacacaaac	tttggatatgt	cttactgaaa	gaaagaaaca	tgcttctaac	cctagagcag	360
gaggccaagc	ggcagagatt	gccaatgcc	agtccagagc	ggttagataa	ggtagtagat	420
tcn						423

<210> 746
 <211> 252
 <212> DNA
 <213> Homo sapiens

aaataaaaata	aaataaaaata	aaataaaaata	aagataaatc	aggcagttca	gtaactgaat	60
tctccccatc	acaaaaagat	ttttcatatt	acaagtattc	atcaactaca	attgaactgt	120
aggaaaaacac	tttaggtagt	gttttcccct	gggttatacc	tctttttcta	ggttaacttt	180
tactggtcct	aagcatttgg	cacttcaaaa	ataccatttt	atggtgttgg	gaaaactggc	240
ttaccgcatg	ca					252

<210> 747
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 747
 cttgtgtggt gcaactgtgct cctgtcttta gggacccgtg aagacaaact tcttccttca 60
 tgatagtcac ttccatgcgt ctgtgtccat actatctctg gttaaaacaa atcccaggta 120
 cattttaaaa cacggatggg ggtagatcct gcatggaatg gtgatctagt cacatatatt 180
 ttatatactc tggaaatgat gcaaaaattg gctacaagaa agcttatatc tctccttgta 240
 atcttctata acaattttta actaactttt tctacatata gcatgttggt tcctagatga 300
 ggcgatgaaa ttctttatgc agcaagagtt ttccagtata tttcaaaata ccttattgtg 360
 aatgtttttg aatgtgttaa ttactatctg a 391

<210> 748

<211> 391

<212> DNA

<213> Homo sapiens

<400> 748
 ctcaacacac ccagggttttt ttgttctctc tttctctctg gcctcaattc catgccttac 60
 tacttgattg ttgtatgcta ggattgaggg aatatgcacg caaatactag acaaagcact 120
 tgagggaggc cttctccac agtactggg gctgtgtaat agatgttctc aattaccaag 180
 tgcttaaac gagccctatg tacttaggca gctgttttag agttcttacc cacttgccaa 240
 tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacaaaa 300
 ttatggatat gccactgaaa atgtatggta gagtaggccg ggcacagagg ctcatgcctg 360
 taatcccagc acttttggag gctgagggcg g 391

<210> 749

<211> 258

<212> DNA

<213> Homo sapiens

<400> 749
 ttagatgatg gatatactaga ggtgtattat atcattggct ctattttgta tgtttgaagt 60
 ttccatagta taaaacttag gaaagttaat ttaaacagac aaataccoca tcatgaaaat 120
 ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180
 gcttagcttt actactaatt cttcaatggt agtttttcaa acaaagatga tacctcttgc 240
 tgggcactgt ggctcact 258

<210> 750

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 750
 taataactat aatttattca gtaccttttt acataatgga ccttattctt aatgctttat 60
 gtacattaac ccatactgacc ctcatgacga attacctata gcttattatg cccatttttc 120
 agataaaaaat gaggttcatg aacatatata ttttgacac atgtattttt aataatttca 180
 ggccaggcgt gatggctcat gcctgtaatc ccaacacttt gggaggccga ggcagatgga 240
 tcatctgagg tcaggagtgc gagactagcc tggccagcat ggcgaaaccc tgtctactaa 300
 aaatacaaaa aaaaaattaa ccgggcatgg tgggtgggcg ctgtaatccc acctattcgg 360
 gagggctgagg cgggagaatc gcttataccn 390

<210> 751

<211> 386

<212> DNA
<213> Homo sapiens

<400> 751
aataaataac ttatgtatcg tcggagggtt ttactgcgga gagagctgta cgtaattggt 60
gcaccacaca gatgctccct ccaggactga aggacttacc cctccagctg ctgggattat 120
agttggctga cactctccag cagctggcag tttccaggaa ctgcctgtgg ctgaagagaa 180
ccaccttact cagagttcta ccctcctcct aggggcagct gcatccaatg actggcctat 240
gtggaggat aaatccatct tgccaatatt catacttatt tacataattt acgatattca 300
tacttaaaga ttctgtgccc ttacccaact caggataggc taaaagaact agcccagctt 360
ggccgggtgc actggctcac gcctgt 386

<210> 752
<211> 414
<212> DNA
<213> Homo sapiens

<400> 752
ggcgttgggtg tcgaaaccgt tgagtttcta aatattttatt tattctaaca aaaagcaatg 60
agtacggggg gatgacacat ttaatgaaca caattttatt ttttttctgt aactgtgctt 120
gttgaatgct aatcatattt aaaggggaatg actttgaagt aaaacctttt ttcttgctac 180
tgaaaaaat ggagttggtt tgggtggtaa agtggttaagg aatagggaca gctggtcaca 240
caaggaaactc ttgaaggcca catgtgaaaa cctgtcactt gcacagaggc cagtcccact 300
aagtgacca gagtgggctc caagcacaaa ctgccattgg ctatagatgg gactgtgtcc 360
ccccaaaatt catgtgttgg agccttaacc ctcaatgtga tggattttga gatg 414

<210> 753
<211> 416
<212> DNA
<213> Homo sapiens

<400> 753
cgctgctgtc gacttcgtga aaattattta ggaggaagag ccggaaggaa aaccaagtga 60
tgcataaagt tcggagaggt cagatgatga aaaagcctgg gttgaagagg tcaggaagca 120
acgcagactc ctccagcagg aggaaaaagt gaagcggcag gaacgactca aggaggacca 180
gcagacagtc cttaaagcccc agttttatga gatcaaaagca ggagaagaat ttagaagctt 240
caaagattct gccacaaaagc aaaaactgag gaacaaaacc cttgaagatc gtttgaaaat 300
tgaagcaaaa aatgggacat tgagtgtatt cgacaccaac gttgggagca aacaattgac 360
cttcacgtta aagaggtctg aaccgcacaa taaagcatca gggaggctgg gaaact 416

<210> 754
<211> 388
<212> DNA
<213> Homo sapiens

<400> 754
tgcaatgttt tgtagggcca gaattatttc acacacataa gtatgatttt ccccaaccag 60
accacaagct cttcaagggt aacaacaccc tcgccaacc cctccccct caaacaattc 120
ttctgctctc cttagagcaga ctttgatcta aattggatct aaattgactc gaaatgtcag 180
gaaaaagaga ttaatgcaca aggtcccttt ctctgagaga aggtgtgata gacgagagct 240
taagcctggg tgggaaatga aactgcccac cactctctcc accccgcctt ggtcttccga 300
gggtgacagg tgggacgctg aagagagctg ccctcctggt cccggcctcc atgtgaacag 360
cctcctccca aatcttcctt tggatctg 388

<210> 755
<211> 415
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 755

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aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtta	atctttacag	180
cgagggagac	tgcacttacc	tgaaatgttc	tgttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcccc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gcccccttagc	360
tcctatgact	ggaaccattg	aaaaggtggt	tgtcanagct	ggagacaaag	tgaaa	415

<210> 756

<211> 414

<212> DNA

<213> Homo sapiens

<400> 756

cccggaaacct	gggtctgagc	cctgctcagg	tttgtcccag	ccggctcagc	gcagctggct	60
gtgtgttgct	gctcctacag	ctcaatgcac	tggaccttct	cgtccagcct	ggatgcctct	120
atcattttctc	tttgtctttc	tctggcctcc	atacgtttct	gaagagctca	ccttccctcta	180
ggttcctcct	gccctgctct	tcccaagtga	cccagccctc	acctgtaggg	cagccaaggc	240
tgggtggtgca	gctgccccca	gtgaagggtca	ttggggcatcg	cactgggcag	tgagagggtc	300
caggctgagg	agttgagtgg	cgcgcccatc	ctggcgctcg	tgacagagaac	gggagggggg	360
cccctggctt	ggatcctaga	atcgggggaag	tctgagggcc	cccctgcagt	ctca	414

<210> 757

<211> 415

<212> DNA

<213> Homo sapiens

<400> 757

ggcacgagca	gccccaggcc	cccgtgctct	ctgccaggag	gtgccttgcc	acttggcatg	60
gccccagtca	cgggtggcac	atctgggggtg	aatgcacgtc	agtggaggga	gaatcattct	120
gtctgaatga	atggagtttc	caggccccca	ctggccctct	gtgtgagggg	ctgcagggtt	180
tggcaggaca	ggtctttctc	tccggcgaga	gcacccaccc	tgaccggctg	ctggatgagg	240
gcaccaaagc	tcgtagggga	gggctctgtc	cttatggagg	agctgcggaa	tccctgcagc	300
tgtgccccca	ggccctgcct	tgcacacttt	ctgcagccag	ggcgccctcg	gggaggtcag	360
ggcaggcccg	ggaggctgag	ggccacctgg	catagtgggc	aggcggggga	gccgt	415

<210> 758

<211> 413

<212> DNA

<213> Homo sapiens

<400> 758

cgattcgaat	tccgttgctg	tgcgccacac	agggcacata	ttccacgcac	cccacacggg	60
gcaggcagct	cacacagggc	acagacccca	cgcacccccc	acaggggcaca	gacccacagc	120
acccacacaca	gggcacagac	cccacacacc	ccacacaggg	caggcacctc	acacagggga	180
cagaccccat	gcacccaca	cagggcaggc	acccacacaca	gggcacagac	cccacacacc	240
ccacacaggg	caggcacccc	acacagggga	cagacccccc	gcacccacaca	cagggcaggg	300
atcccacgca	gggcacagat	cccacgcagg	gcagggccag	cccaaggcca	agcccccttc	360
ctgtagatct	tctcccaggc	aggaccagag	ccacagtcac	tttcacacta	tct	413

<210> 759
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 759
 cggttgctgtc gggtttcccg aggaaatgac aattacctga cgatcacagg gccttcgcag 60
 cccttcctgt caggggcccga gacattccat acaccaagct tgggtgatga ggaatttgaa 120
 atcccaccta tctccttgga ttctgatccc tcattggctg tctcagatgt ggttggccac 180
 tttgatgacc tggcagaccc ttctcttca caggatggca gtttttcagc ccagtatggg 240
 gtccagacat tggacatgcc tgtgggcatg acccatggct tgatggagca gggcgccggg 300
 ctctgagtg ggggcttgac catggacttg gaccactcta taggaactca gtatagtgcc 360
 aaccacactg ttacaattga tgtaccaatg acagacatga catctggctt gatggggc 418

<210> 760
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 760
 cggttgctgtc ggatcatttg aagcaaact cagaaatcac tttattccta aatatttaag 60
 tatgcatctc taacttatta aaattttttt gggtttgttt tttgtttttc tgagacggaa 120
 tttcgtctct gttgcccagg ctggagtga atggcgcaat cttggctcgc tgcaacctct 180
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcanctggg 240
 tgtggtggcg ggggcctgta gtctcaacta ctccggagggt tgaggcagga gaattgcttg 300
 aacctgggag gtggagattg cagtgaactg aaatcacgcc actgcactcg agcctgggca 360
 actgagcgag actctgtctc aaaaaaaaaa ggccaggctt gggggg 405

<210> 761
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 761
 tttggtattg ccgttattat tgttggttaa ctgactaaaa tcatacatgg aataatagaa 60
 atcaggccta acatcagata gacttttcca ttcagttaag ttattgtgta gcaaaattta 120
 ttttgctcagt tcaactacaca atgtgacagt atatatgttc tctaataagag taacattaaa 180
 gaggacatat aatataacca aaaatttgag ttccagataa gtttggtgtc tcaactagcaa 240
 gatgacgtta aataactcat ttaatttttt tgaaatctta attttctgtt ctgtaaaaaa 300
 aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaatt ttttattatg 360
 tcatatacat gtgcatac 378

<210> 762
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 762
 cgggaggctg aggcaggaga atcgcttgaa cctgggaggc agagggttga gtgagccgag 60
 attgcacat tgtgctccag cctgggagac aagagcaaaa ctcatctca tagaagaaaa 120
 aacaaaaact ccagtttagc aaaaaaaaaa aaaaaagctc ccccgcccg gggggagggg 180

tttatggcta	aaatcccaaa	cctttgaaag	gttgggggaa	aaagatacct	ggaccccccg	240
ggtagggaaac	cgccgggcta	taatagggga	taccggtttt	tttaaaaagt	taagaataag	300
ggggggggggg	gggggggatac	cccttagaac	ccgagatttt	ggaaggcccg	ggg	353

<210> 763
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 763						
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agatagcaaa	attagatgac	tttttggatc	taaatcacaa	atattgggaa	agatatctct	120
caaagaagca	aggacagtag	ttacaagtta	tactggcagt	tattgaagat	acttaagatc	180
caagaacttc	ttgcttttat	gctagaaatc	attatgatag	tgctggacac	tgaagcaaat	240
accatactgc	ttatacttgg	tcttcagttt	ttttgtaaat	ttaattttat	atTTTTtgaa	300
gatgatagca	atatgctaaa	aaatgcttgt	ccccatatg	aatattctgt	tacgcttgaa	360
aaatattttc	tccagcgttg	gttactgacc	acccccacct	cccac		405

<210> 764
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 764						
ggcacgagag	agtccgtagg	tttatcatat	tatcaaggaa	aactgtgacc	caaagaagtt	60
taggaatcac	atacagtgtc	gctggccttt	tgtgcttggc	aatgagtga	caatagaaga	120
aataattttt	cttacacatt	ttaaaacgat	ttctcttctt	tgtgattgaa	gatgaaagga	180
gtaagaaatt	aaggcatttg	tttaatttat	actggcaact	tatttagggg	ggagggggaca	240
tgaaggtagg	taaataggta	ggcctctaata	tgaaccacct	ctctaagata	tgtacgtata	300
tataagctga	tattgtgttt	gacattctga	agggtttctt	tttctttttt	cttttttttt	360
tttttggggg	ggggccgggg	gctaaaaaact	tttttttttg	acccccggc		409

<210> 765
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 765						
atcattcttt	gaaaactgac	aggaaagata	caacttagaa	aacattgtgg	atgaatactt	60
cccccttttg	caaatgatat	tttgggaagca	caaaagaaaa	agctctaata	caaatattca	120
taatgaaaaat	atgaacttaa	taataccaat	ggcaagacag	aataattagg	agaaatcggg	180
taacgagcat	ctctcctatt	tttagtttgt	aagccttttt	tgcttttttt	tttttttttt	240
ttgaaaaaaa	agttttattt	tttgccccag	aaggccaggg	aattaatttg	gcttaatggg	300
agcctcacc	tccgggggta	aaacattttt	ctggctaaaa	ctccaagat	atttggaat	360
aggggggcctc	ccccccccc	g				381

<210> 766
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 766						
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accagatgat	tgtttaaccg	ggagtttatc	aatactgtgg	aaagagaacg	ccttggagag	120
ctgctgacag	ctatattaat	tgaatgaggc	tgggaaggatc	acgtgaaggc	actctgtaaa	180
gataatgatt	ataaatgata	tgattcggtt	tttgcttttg	cataagaggc	tgtagagag	240
ataggactat	aacacgttac	tgttgttgac	ttggtggctg	aatcactcc	aaaaggcaga	300

gccttggtac ctgacagtgt aaagaaggag ctccataaaa gaatatgaac attccttgct 360
cagcatgccca gcctttaaga ttgaattaga ttgggttggt gtggg 405

<210> 767
<211> 381
<212> DNA
<213> Homo sapiens

<400> 767
gcattttgat gtgtagaatc aggggatcca ggatcatcac caaggtcatt ttcccagaca 60
gatgtgctga ggctgtagaa agtgcttttt atttggttgagg gagcttggtc ataaatgcga 120
gaggggctgc acatctgacg gactagaggt gactcatggc tgaaccggaa caggacatcg 180
gggagaagcc agcagagctt gtgttttaaa tcagaattca gaacccaaa gaaaatgact 240
tcattgaaat tgaactgaag agacaagaac tgagttacca aaacctacta aacgtgagtt 300
gctgtgaact ggggattaaa ccagaacgag tggagaagat cagaaagcta ccaaacacac 360
tgctcagaaa ggacaaagac a 381

<210> 768
<211> 406
<212> DNA
<213> Homo sapiens

<400> 768
cggttgctgtc ggatggctcc ccctatgaaa gttgtccagt gagcagggtc aagggttatg 60
tttggggtag ggacatgagt gcaggagcct tactctcctg tgtgttgta gggatggata 120
aaggggatga agttggagggt gtttagtgaa tggttgggac agcaaatttc agagaagagc 180
atttggaat aattttctca aatatatatt tttaaaatcc atatttgatt tttttccctc 240
agggattccc aagcatagta gagctaaaat gaattaattt gggtaaaagt aaagttaagg 300
ctaagttagg aaacactttt aaaaacagga acctgctgcg tgcgggtggc cctgccttgt 360
gggtccagca ctttgggagg caaaggcggg tggatcacct gagatg 406

<210> 769
<211> 388
<212> DNA
<213> Homo sapiens

<400> 769
agggtactgt ttcttccttt ccaaaggcca caggagagacc ttgtaatctg ctttccagag 60
cctttgggaa agtgggtcaac accctgcctt cttaggaaga gccagagaa acagagggct 120
atcccggggg ttttgtttat ctgcccttgt ggagttggca gacgtgggct tctgtcttcc 180
ctgctatggc ctcagagctt tagatcctgc tggtttaggg aatttgaatc tttcctgtta 240
gggaaaaatg agtgcttact gtgctttgta gaaatatttt cagaattcat tttctttaaa 300
ttattttcat tgtctttaaa ttatatctaa acaagtatac catagctttc ctgagagggga 360
aaacaatcta tccaacacat tgtgcact 388

<210> 770
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 770
cctactaggt caagtgagta ccaaggacag cgtggcagggt gaccatacag acgcctgaat 60

aacaggaggc	atgctgcatt	gaggcctacc	tttggaaaaa	gataccacga	tgctttaaca	120
accgtggtta	atagtgttca	tgcctttgtt	aattgtactc	atgaagtagt	aataaagggt	180
aatattctcc	attggcatta	tcaaataatta	aagtactggc	caggcgtggt	agctcatgcc	240
tgtattgcca	gcaatttggg	aggctgaggc	agggtgatca	ctagaggtta	ggagttcgag	300
accagcctgg	ccaacatggt	gaaaccccgt	ctccattaaa	aatacaaaaa	aattaccgag	360
atgtggccag	gcacggtggc	tn				382

<210> 771

<211> 411

<212> DNA

<213> Homo sapiens

<400> 771

cggttgctgtc	gggctggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc	60
cacagtgtctg	ggattacagg	gatgagccac	cacgcccggc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaaagggg	tttggtcctt	tggccaaaat	gggagggcgg	ggggtaaata	180
aaacttaatg	gggccagaa	ttcttttggc	ctaaccccc	aaggagtgtg	aaacaacggg	240
gggacccctt	aggccgggca	agtttttcat	tttttggaaa	aaaaaggggt	tttttttttt	300
taaaaaggag	tttccttttg	gcccccaaag	gggagggggg	agaccggggc	caacctaattg	360
gggagccccc	cccccaaggg	ataccaccata	tttgggcgca	aaaattaggg	g	411

<210> 772

<211> 410

<212> DNA

<213> Homo sapiens

<400> 772

cggttgctgtc	gcacagccca	gccccctcca	gagccctgcc	ccaccgcacc	ctgcttctcc	60
agggcctagc	agaccagcat	ctgccccggg	gaagggatgg	atcagctgtg	ggggtgggtg	120
cagaagggtt	ccacctccta	cctcagcggg	agtcacctag	gaaagatgga	gggattgaca	180
ctattttctc	aataaaaatg	gacttttttt	tttttggggg	gaaacttcct	gttcccaatt	240
gcataaaaaa	cccttttttg	gccccagggt	cccaaaaatt	tttaaaaacc	ccatttggtc	300
cttttttttg	gttggggggg	gccccaggcc	ttctggaagg	gatttaaacc	gggctgacgg	360
cttgaattaa	aggggggatg	ggaatcccg	aacaaaaaaa	ccgggaaccg		410

<210> 773

<211> 383

<212> DNA

<213> Homo sapiens

<400> 773

ccgccctgcg	ccgggtcccg	gcctttccct	gccctctggc	cggtcctcct	cccgcggccg	60
tcccgggacc	tgtgccca	ccctggggc	cacgatcacg	ccccagccgc	ccaagtcacc	120
gccccctccc	tcccttcag	cgttcccgc	cgggcggtgt	atggtggctc	cggtgtatgg	180
cggttctcgc	acgcacagcc	gcaggggttt	cctctcctag	actcgaggcg	gaggcgcacc	240
tgcaccctct	aaaactcccc	cgtcggccct	cgcgactat	cgggaggcgc	ggagggccga	300
gctgacgtgc	gtgcgagcgg	gcgccatgaa	agcgcggagc	cgtcctaggg	ctaagccttt	360
ctttaacag	gggaggccca	cga				383

<210> 774

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 774

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caaggttctt	tcttttttgg	gaggagaaag	tgaaaactag	gatgctcagc	tggacccacc	120
agcctgagat	tctggggatt	ttagagctgt	cccttgggga	gccaagcact	tgggggtgga	180
ggtgatagcg	aggctgatgg	cccctgtgtt	ctcagctctc	tgcttgggta	gcccctgggt	240
gatgggggag	aggccagctg	tcacgtgggg	tatcaggtgg	ctctgccaga	aactcccttg	300
gcacacagag	cactgggtcg	gcccctcggt	gtggctgttt	gggcaggaca	gcccctctgta	360
tgtagccttg	agcaggttaag	ggggccacct	tgagtgggtg	gnccagaaan		410

<210> 775

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 775

cccatcgatt	cgaattccgt	tgctgtcggg	gggatcttgc	aaaatgccga	tttctggcaa	60
ggcatcaggt	gatggtgaag	aaagttttga	gtaccaagag	gtagagtagt	ggttcttaga	120
ctttaaaagc	tggacacccc	caccagtgtc	tttgattcac	ctcactgggt	ggggcctgca	180
gatttcattt	taaacaggtt	cctaggtgat	gctaattgcac	atgaagggca	gggtgtgttc	240
tgagagccac	tgtggtggag	tagaaacaac	cgaggagaat	caagcccatc	catctcatcc	300
tggcttcttg	agcattatatt	cctttttctt	tgnttttgat	ttgagacagg	ggttcactct	360
gtcactcagg	ctagagtgca	atggcatgat	cctgggtcac	tgcagtctn		409

<210> 776

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 776

ggcacgaggt	tgactgcaga	gtgaaacatc	cttgcaatct	cttcccacct	ccttcacgac	60
actgagttgc	catgtgaggt	tcttcaagtc	tgagagtggg	agggatccct	atggagactc	120
ctattaaacc	cctattagag	gaagagattg	agagacctag	caatgtgaag	taacaaagat	180
caggcagctg	caagtgactc	ctgaatcttg	agtccagggc	tttcgccact	acagtacagt	240
ggttttcttt	tctttggtcg	gggagagtgg	gctggaatgg	agagtgaggc	ccacaaatta	300
cctgcagaga	cgtggaggcg	tgaggagaaa	catgcttggt	aaatatgcag	gtagattagg	360
agacacaaaa	cagagattca	gacacagtaa	ggctgggatg	agatcctn		408

<210> 777

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 777

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aggggaatcag	agacagctcc	gtccctagtg	gagcgagggg	gaggcagaag	tcatgacagg	120
cgaggtgggt	tctgaggttc	acctagaaat	caatgaccca	aacgtcattt	cacaagagga	180
agcagatagt	ccttcagata	gtggacaggg	cagctatgaa	acaattggac	ccttgagtga	240
aggagattca	gatgaagaga	tatttgtaag	taagaagttg	aaaaacagga	aggttctaca	300
agacagtgat	tccgaaacag	aggacacaaa	tgccctctcca	gagaaaacta	cctatgacag	360
tgccgaggag	gaaaataaag	agaatttata	tgctgggaaa	aatacaan		408

<210> 778

<211> 405

<212> DNA

<213> Homo sapiens

<400> 778

cggttgctgtc	ggctctgagg	ggctccttgc	cagggctgtg	gtccaggcgg	cctcggtccc	60
cctggggctg	tggacaggag	ctctggctgt	cctacgtagc	ttgtggagcc	gctggggctg	120
cagccaccgg	atctgctccc	gggtgcacct	agctcagccc	ttttccctgc	aggaatacat	180
cgtcagtgcc	agaagctgct	ggggcggcag	acagaccctg	gagcagctac	tgacagcccat	240
cggtgctggc	caatgtactg	ctgtcccaga	cactgagaag	gagcaggagt	ggacccccat	300
aactgggcct	ctcctggccc	tcaagggaaga	ggaccagctc	ctggtcagga	gactgagctg	360
tcatgtcctg	agtgccagtg	tagggagctc	tgcggtgatg	agcac		405

<210> 779

<211> 406

<212> DNA

<213> Homo sapiens

<400> 779

ggcacgagag	caccggcggt	tgcatTTTTg	gccagtcgcc	tttgcccgcg	ccccccgggt	60
gccccatcac	tggtctctac	aacaagagtc	cctactactg	cgggacttgt	ggccgctggg	120
tccgcgccat	ggcgggcttg	cgactgcac	agcgggtcca	tgcccgagct	cggactttga	180
cgctacagcc	tcccagatca	ccatctcctg	ccccaccccc	acctccagag	cctcaacaga	240
ctatcatgtg	cacagagctg	ggggagacca	tcgccatcat	tgagacatcc	cagccactgg	300
cgcttgagga	caccctgcag	ctgtgccagg	ctgcacttgg	ggccagtgaa	gcaggcgggc	360
tcttgagat	ggacacggcc	ttcgtgtgac	gccaaactaaa	agcaac		406

<210> 780

<211> 411

<212> DNA

<213> Homo sapiens

<400> 780

cggttgctgtc	gcccgcgcta	ccgttttcgag	ggcgaggggtg	acatacagcg	tttccagcgg	60
gaatttgtgt	cccgcctgtg	gcttcacata	ccgcccgggac	ttcccgcgcc	ttcctggggg	120
ctgcctgacc	tcggactgcg	gctgggggtg	catgttactc	agcggccaga	tgatgctggc	180
acagggcctt	ctgctgcatt	tcttgcccat	agactggaca	tggtccgagg	gcatggctct	240
gggccccctt	gagctgtcag	ggtcagcctc	tcccagccgt	gaccatgggc	ctgcccgtg	300
gatgccccca	cgctggggcc	aggggtgcccc	tgagctggag	cacgaacgcc	ggcaccggca	360
gattgtgtcc	tggtatcggcg	accacacacg	ggccaccttt	ggcctactcc	c	411

<210> 781

<211> 407

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 781
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 cctacaaaat cagttcagca gatttggaga agtttcggat gtggagatca tcacacggaa 180
 agatgaccaa ggaaaccac agaaagtttt tgcataatc aacatcagtg tagcagaagc 240
 ggacctgaaa aatgtatgt ctgtttttaa taaaacaaaa tggaaagggtg gaacattaca 300
 aattcaacta gcaaaagaaa gctttctgca cagattggcc caagagagag aagcagcaaa 360
 agctaagaaa gaagaatcaa caacaggtaa cgccacactc gttagan 407

<210> 782
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 782
 ggcacgagac catggcgtcc ctcttcaaga agaaaaccgt ggatgatgta ataaaggaac 60
 agaatcgaga gttacgaggt acacagaggg ctataatcag agatcgagca gcttttagaga 120
 aacaagaaaa acagctggaa ttagaaatta agaaaatggc caagattggg aataaggaag 180
 cttgcaaagt tttagccaaa caacttgtgc atctacggaa acagaagacg agaacttttg 240
 ctgtaagtcc aaaagttact tctatgtcta cacaacaaa agtgatgaat tcccaaatga 300
 agatggctgg agcaatgtct accacagcaa aaacaatgca ggcagttaac aagaagatgg 360
 atccacaaaa gacattacaa acaatgcaga atttccagaa ggaaa 405

<210> 783
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 783
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 ccactgaaac acacccaagt atatgccag ccttcatgaa agtgaacaga gaaacgaagc 120
 gcctttatgt ggggtggcctt agccaggaca tttctgaggc agacctaca aatcagttca 180
 gcagatttgg agaagtctcg gatgtggaga tcatcacacg gaaagatgac caaggaaacc 240
 cacagaaaagt ttttgcatat atcaacatca gtgtagcaga agcggacctg aaaaaatgta 300
 tgtctgtttt aaataaaaaca aaatggaaaag gtggaacatt acaaattcaa ctagcaaaaag 360
 aaagctttct gcacagattg gcccaagaga gagaagcagc aaaagg 406

<210> 784
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 784
 cgttgctgtc gaaacttgct gtagaagaaa ccaaagggga acttctgttg caactatgtc 60
 gtttggaaga tgctgcagat gtttatagag gattgcaaga gagaaatcct gaaaactggg 120
 cctattacaa aggcttggaa aaagcactca agccagctaa tatgttagaa cggctaaaaa 180
 tttatgagga agcctggact aaatatccca ggggactggt gccaaagaagg ctgccgttaa 240
 actttttatc tgggtgagaag tttaaagaat gtttgataa gttcctaagg atgaatttca 300
 gcaagggttg cccaccagtc ttcaatactt taagatcatt atacaaaagac aaagaaaagg 360
 tggcaatcat agaagagtta gtagtaggtt atgaaacctc tctaaaag 408

<210> 785
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 785						60
cgttgctgtc	ggaaaagcag	at ttgtgata	aacttgctgt	agaagaaacc	aaaggggaac	
ttctgttgca	actatgtcgt	ttggaagatg	ctgcagatgt	ttatagagga	ttgcaagaga	120
gaaatcctga	aaactgggccc	tattacaaaag	gcttggaaaa	agcactcaag	ccagctaata	180
tgtagaacg	gctaaaaatt	tatgagggaag	cctggactaa	atatcccagg	ggactgggtgc	240
caagaaggct	gccgttaaac	tttttatctg	gtgagaagtt	taaagaatgt	ttggataagt	300
tcctaaggat	gaatttcagc	aagggttgcc	caccagtctt	caatacttta	agatcattat	360
acaaagacaa	agaaaagggtg	gcaatcatag	aagagttagt	agtaggtt		408

<210> 786
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 786						60
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agccgcccga	agaactggtc	aatgagtggt	cattgaagat	aagaaaggaa	atgagagttg	180
ttgacaggca	aataagggat	atccaaagag	aagaagaaaa	agtgaacga	tctgtgaaag	240
atgctgccc	gaagggccag	aaggatgtct	gcatagttct	ggccaaggag	atgatcaggt	300
caaggaaggc	tgtgagcaag	ctgtatgcat	ccaaagcaca	catgaactca	gtgctcatgg	360
ggatgaagaa	ccagctcgcg	ggcttgcgag	tggctgggtc	cctgcagan		409

<210> 787
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 787						60
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aagccgccc	aagaactggg	caatgagtg	tcattgaaga	taagaaagga	aatgagagtt	180
gttgacaggc	aaataaggga	tatccaaaga	gaagaagaaa	aagtgaacg	atctgtgaaa	240
gatgctgcc	agaagggcca	gaaggatgtc	tgcatagttc	tggccaaggga	gatgatcagg	300
tcaaggaagg	ctgtgagcaa	gctgtatgca	tccaaagcac	acatgaactc	agtgtcatg	360
gggatgaaga	accagctcgc	ggtcttgcca	gtggctgggt	ccctgcagan		410

<210> 788
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 788

cccatcgatt	cgaattccgt	tgctgtcgag	attagtcca	ttggaagggg	catatgtgtg	60
ttgctgggta	tttccctgga	ggatagcgag	aaggaactgg	aacacatggg	ccgaaagatt	120
ctaaacctgc	gtgtatttga	ggatgagagt	gggaagcact	ggtcgaagag	tgtgatggac	180
aaacagtacg	agattctgtg	tgtcagccag	tttaccctcc	agtgtgtcct	gaagggaaac	240
aagcctgatt	tccacctagc	aatgcccacg	gagcaggcag	agggcttcta	caacagcttc	300
ctggagcagc	tgcgtaaaac	atacaggccg	gagcttatca	aagatggcaa	gtttggggcc	360
tacatgcagg	tgcacattca	gaatgatggg	cctgtgacca	tagagctgga		410

<210> 789

<211> 406

<212> DNA

<213> Homo sapiens

<400> 789

ctaggacgtc	gctgctcttc	agcacgaaga	agaggaattt	cttgttgaag	tcgcagagct	60
tccagaagag	aactagcagc	tcctgggtga	actggatctt	cttgggtggag	ttaggcaggt	120
aggctctggag	cagggggttg	gacagcagcc	gggctatacc	cttgaggatg	aactgggaag	180
cctcctcacg	atggatgcgg	gacaggtagt	tcacaaacag	gttctcaggg	cctggaggat	240
cagcatcatc	catggcgggtg	ccagtgggtg	tgccgtccac	agtggggctg	gcaactgctg	300
cactgtcgtg	gtccaaagtg	acaatgagca	cctgggcagc	ctcctccacc	aggggttccc	360
ggtagtcaga	gaagagcagg	tggttgtagg	ggatcccgtg	gcccac		406

<210> 790

<211> 409

<212> DNA

<213> Homo sapiens

<400> 790

attcgaattc	cgttgctgtc	gggaggccgg	gggagacttg	gccggcgccg	gacgagcgtg	60
ttggcgcagc	agagcgtccg	cacacagcac	ttgcgggacc	tacaggtcat	cgccgcctac	120
cgggaacgca	cgaaggccga	gagcatcgcc	agcctgctga	gcctggccat	caccacggag	180
cacacgctcc	acgccacgct	gggggtcgcc	gagttctttg	agtttggtgct	taagaacccc	240
cacaacacac	agcacacggt	gactgtggag	atcgacaacc	ccgagctcag	cgtcatcgtg	300
gacagtcagg	agtggaggga	cttcaagggt	gctgctggcc	tgcacacacc	ggtggaggag	360
gacatgttcc	acctgcgtgg	cagcctggcc	ccccagctct	acctgcgcc		409

<210> 791

<211> 412

<212> DNA

<213> Homo sapiens

<400> 791

ggcagagcc	tgggcattta	taccttcacg	aagcgggtag	ccttggagga	gatggagaat	60
aagccccgga	aacagcaggg	ctacagcacc	gtgtcccact	tcaacattgt	gcactacgac	120
tgccatctgg	ctgccgtcag	gttggctcga	ggccgggaag	agtgggagag	tgccgccttg	180
cacaatgcc	acaccaagt	caacgggctc	cttcgggtct	ggggacctca	tgtccctgaa	240
tcagcttttg	ccacttgctt	ggcaagacac	aacacttacc	tccaggaatg	tacaggccaa	300
cgggagccca	cgtatcagct	caacatccat	gacatcaaac	tgctcttcct	gcgcttcgcc	360
atggagcagt	cgctcatcgc	atacactggc	ggtggcgccg	gggagagcaa	ca	412

<210> 792

<211> 369

<212> DNA

<213> Homo sapiens

<400> 792

ccttccagag	tgctgggatt	acaggagtga	gccaatatgc	ccatcttgtc	ttttctttat	120
aaaccaccca	gcctcaggta	tttctttata	gcaacgcaag	aacagactaa	cacacttccc	180
ttccaggatc	tttcagagca	cgtcaagccc	ctgttataga	ttcttgagct	cccacatttc	240
tccttcaaag	taattattcc	aatcacacta	aataaataat	aactgtgaat	tatttgcttg	300
aagtctgttt	ccgatggact	aggatgtgag	ctccatgaag	accagatcag	agggccaggc	360
gcggtggctc	ac					372

<210> 797

<211> 372

<212> DNA

<213> Homo sapiens

<400> 797

ccccacaga	ggctggagag	ggcagacggg	cctagatgag	cctagacgct	gggtcccacc	60
agtccccaa	agccagatgt	tctgtttctc	acctgggtgt	gtgagatatt	ttgtttcatt	120
atgctcctta	caaggcgaag	ctgtgtgaac	cgtgagcgtg	agctctgggc	caggctccat	180
ggcccttcta	aggaaaaggc	cccttaggac	acctctgggc	tgtgaggctt	ccccggcttc	240
ccctctgggc	ttggaggaag	tagggtaggt	cctcagccac	tctgctgagg	ggcaaaggaa	300
ccagggatg	aacaggaaaa	cagaggccca	aagagtggct	gcagattcag	gtgattcctg	360
gggcttgggg	ga					372

<210> 798

<211> 350

<212> DNA

<213> Homo sapiens

<400> 798

agggttacag	gtacctgcca	ccacacccag	ctaatttttg	tatttttagta	gagacggggg	60
ttcaccatgt	tggccaggct	ggtcttgaac	tctgacctc	aggtgatctg	ccgcctcgg	120
cctcccaaag	tgctggggtt	acagggtgtta	gccaccgctg	cccgccctct	tttttttttc	180
gtacaatggc	ccattctgtt	gccccggacg	acattcgatg	ccccgttta	cagttctttg	240
cctccacttt	ctgctagtgt	tttgtttttg	tcagcctccc	ccctgcccga	gagaatataa	300
tatagtttgt	tccgcacccg	cgaaaccata	actccctttt	atttggttgc		350

<210> 799

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 799

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cgatagctga	tgagctaaaa	aaaaaaaaaa	gccggggaat	aattttgggg	atatctgccc	120
ccacaaataa	acaaaaaagc	ccttgctttc	aaagggtgga	aaattgctgc	tttgagggct	180
gggaacctgg	ggggaacctta	ctactccctg	ggccttagtc	tcccaaatac	accatgcttt	240
tgcccccttg	agggggtctt	cactttgtct	ctggcatcta	acatggggcc	tggggcatag	300
ggagcatgca	ataaatattt	ggcaggggag	gggatggata	aatggatagg	ggaatgtagg	360
gggacagggg	actgggggga	tggtgnggcc	tctgaaaaac	cc		402

<210> 800

<211> 236

<212> DNA

<213> Homo sapiens

<400> 800
 aaaaaacaat aaaataaaaa ttataaaagg ggggcgtttt tttcgtgata ccaaaacggg 60
 aaaaaacctt ttggggggtg ggcgaccccc cctcttttagg ggcggggaaa aaagggtttt 120
 tttttgtgaa ttttgagcct cttcttcttt tttgtgcccc cttacgtggt ggcgataagg 180
 atctgtgtct ccaccggggt gtgcttcttt tattgcgttg ctctttgcgt gtgcct 236

<210> 801
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 801
 gtccgacccg ggcaagatgg catcggcgct gcgcgtgcgt tgttgagtgt tcgggacgcc 60
 ggctgcagg cgccatggct ttcctcaccg cgcagctctg gctgcggaat cgcgttaccc 120
 accgtactt t 131

<210> 802
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 802
 cgttgctgtc gtgaatttgt agctccattt acatggatcc attgccccag ctactggagt 60
 atagcctaca atgtttattt cagtcaatat tcctttatct ggggtgttctg tacaatgttt 120
 attacaggca atattccttc atctggatgt tctgtgaaga tagccatgtt tatgggggtc 180
 ttagttttca aactctggca actctgtgaa aaataggagc aaactagaga gccctggaga 240
 ttggtagtag ggaagggagg atagcaggaa gtttgaaaaa ttatcagccc cggggcctaa 300
 aggaatcagc tgtcatcatt ttcataatta ttattttggt taggatggct tgaaaatcac 360
 aacgtatctt gggtttacgta attgaagtct tacagaag 398

<210> 803
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 803
 tatagaaatg ctactggctg ttcctgagtt ttagtttttaa attactgtca atcattcctc 60
 agtgggtccca tgcacagtc ccatgctgca gggaggccag ctctctggg cctcgtggag 120
 taacgggtgtt gcttagccca tatcctcctg gacaagtgtt ttggttcttc cctttaccgg 180
 taaagtgttg caaacgtagt ctatcgagtt tgttctatct catctgttct gtttacgaaa 240
 ctgtaacttc atataggact gccttagggc tgaagtaaat aaactgtcaa cctaactaaa 300
 acataaaaaca ggccggggcgc ggggggtcac gcctgtaatc ccacccttg ggaggacgag 360
 gcggtccaac 370

<210> 804
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 804
 atgaaactct ggatgaataa gagaacagaa aatgcctgat aaattcagat tttcaaagga 60
 catgtacagc ttttttagtca aagaggcaca gtttattcaa gttaaataaaa cttatattct 120
 caggataact aagatttatt tagttagact gagcattcca aattatttat tccacttatg 180
 ttaattcaca caggaagac tgaggctcag gggtgctaga tgactgggta agctttctca 240
 gtgacacagc catgacgaca gccaaagttt tctaattttt ggtccaggcc tctctctaac 300
 acatcagtga cttctaaaca atcatttgag aattccgagg tgatccttgg tgcaccccat 360

tcctcaccat ccaa

374

<210> 805

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 805

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atagaaccct	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgcccaggtc	tctctcccat	cgcccttttg	360
gcctnccggg						370

<210> 806

<211> 373

<212> DNA

<213> Homo sapiens

<400> 806

aagaagctag	taatagtcta	gcttccactg	ctatctgccc	gagcttcagc	gattccaccc	60
cctcaggggc	cacacctccc	tgcagggtccc	atttctggga	aaagccggca	atctatgtct	120
tttggaata	ctccctgagc	tcccaaaatg	ggtttgga	gagctataca	tagctttcta	180
tacattggtc	tctatcatct	tataggataa	taaaggagat	aattcatgca	cacaaataac	240
tatatgtaat	gttacattta	gggaaataca	ataatttcac	tgtccttgcc	ttaggatttc	300
catttaagta	ggcagagatc	cctgggggaca	ggaataatct	gggttcacaa	aagggtgaca	360
cctggccggg	ggg					373

<210> 807

<211> 374

<212> DNA

<213> Homo sapiens

<400> 807

tgcaatgttt	tgtaggggcca	gaattatttc	acacacataa	gtatgatttt	cccccaaccag	60
accacaagct	cttcaagggt	aacaacaccc	tcgcccaccc	ccctccccct	caaacaattc	120
ttctgctctc	ctagagcaga	ctttgatcta	aattggatct	aaattgactc	gaaatgtcag	180
gaaaaagaga	ttaatgcaca	aggtcccttt	ctctgagaga	aggtgtgata	gagcagagct	240
taagcctggg	tgggaaatga	aactgcccac	cactctctcc	accccgctt	ggtcttccga	300
gggtgacagg	tgggacgctg	aagagagctg	ccctcctggt	cccggcctcc	atgtgaacag	360
cctcctccca	aatc					374

<210> 808

<211> 370

<212> DNA

<213> Homo sapiens

<400> 808

ctggggccac	tgcaaacagc	aaaatcacca	aaaagagcac	aaaaacgcaa	accccgaggc	60
tctcgctaga	cagtaatgag	ggcgtggtcc	acctaggagg	ggaaacgggg	aggcggagcg	120

tggcctgggc	tcagggaaacg	cacgtccatg	actetaat	cttgtctctc	tctgcgtg	180
caaggataag	agggaaagta	ccccaggcat	tgatttgggg	ttcacaaata	cacacctagc	240
cggcgaattc	gcaaatacgg	actccgtgaa	tgacaaaggg	gactacagta	caaaccacgc	300
ctgtccctcg	cgccccctagt	gtgctgaggg	cctggccgtg	gcaggaagga	aaaggaccgc	360
tcagacccct						370

<210> 809
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 809						
cgttgctg	ggggagatgg	agctgtttta	ctcagtgtgt	gagtgtgtgt	gcgcgtgcat	60
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtctgtctgt	ctgtctctct	cctcctggac	120
ccagggcacc	caagggcagg	gataggcgca	gtggtcatat	gaagcagcgc	cagagagggg	180
acctccacgc	tcttatttgc	acctccccca	cctcaccaac	tttggtcctt	ctctggggggc	240
atgaatgggt	aacacacacc	agagcagtac	tccaatattg	gagagtctct	gggggcacag	300
ggctttgaat	caggggagta	tcctgccttc	cctccccctga	ccccacatgg	tctcagggcc	360
cccttagggc	cccctaccca	ctgatagctt	tctcct			396

<210> 810
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 810						
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aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggta	atctttacag	180
cgagggagac	tgcaacttacc	tgaaatgttc	tggttaatgga	ggttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcccc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gccctcttagc	360
tcctatgact	ggaaccattg	aaaagggtgtt	tgtcanagct	ggag		404

<210> 811
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 811						
cgttgctg	ggaccgacac	tttcaactctt	caggcacatg	atcaattctc	tccattttcg	60
tctagcagtg	gaagaagact	gaatatctcg	tataccagaa	acatgactct	taaagatggg	120
aaaaacaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	catgcagatt	180
gaagataaaa	ctttccaagt	ccttggtaat	ctttacagcg	agggagactg	cacttacctg	240
aaatgttctg	ttaatggagt	tgctagttaa	gcgaagctga	ttatcctgga	aaacactatt	300
tacctatttt	ccaaggaagg	aagtattgag	attgacattc	cagtcccca	atacttatct	360
tctgtgagct	cacaagaaac	tcagggcggc	cccttagctc	c		401

<210> 812
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 812
cagaaagctt cattaaaacc agtaaagaca tcaagacaat gtaactactg attattacat 60
gaagctaata tgaagtacaa tcttagatac aaaataagac atagaagtaa tgagtgcaga 120
aggagtaaac agtgaacgta ggtggggggt gctaggtaac aaatatcaat actgactaat 180
actggcatgg tttatgtgta gttaaaaatt ttaagttaac tatgttcata atcacccaaa 240
ccactggaag ggggggaaaaa ggaaaattag aaaacttcac ctattcaacg gacatggaaa 300
atggaatttt aaaaaatttc aaaattctgg ttaatgcaaa ctaggatgct aaatagaagc 360
ccccaattat ct 372

<210> 813
<211> 367
<212> DNA
<213> Homo sapiens

<400> 813
agttcccaaa cctaggcctc agtcctatcc ttcaaaaaaa caagccgaac tttgttttct 60
gtttgccaag gaaagggatt agtgtgtctg caccaagaaa agtaattctt ttccatacaa 120
aaaaggatag gtactatatt ccaatcaagg taacaaacca gtgggctaaa aaagaattgc 180
cttttaattg tgaaaaacatt tcctgatctt ttaaaaaaag aaatctacgg gaagtataaa 240
ggcaatcagg taataaaactc attgaaaatc agttatagta ttagcaaaaag tttacagtgg 300
ttggctttgt cacatagtca tagtttgtgg gagaatcttg accttatttg atgctgtaaa 360
tacttgg 367

<210> 814
<211> 404
<212> DNA
<213> Homo sapiens

<400> 814
cgttgctgtc ggggatgtgg cgcttttttc cgctcgccct cgcgcccccc cgcgccccgcg 60
cagctaaatt ccggcggagg ggcgagctgg caggccgggt cctcccactc tgggcagcgg 120
ggtcccgcgt ccctccccc actatttggc agcgtctggg ggtctggggc agcttcgttc 180
attcaccggg gggagtggg tttccgggaa gggtcggaag ctccctccctc gcttccctggt 240
gggtaatggg gtggtgcctt tgactccggg ggtggaaaag cgaccccaaca ttcaaggacg 300
ccaatggcat gttgagcttt cccaatctaa accaggtgcg tggaggggaag caagtgttta 360
ctcccagctt gaaccctgag cagcgggtct ctaacttttag agcg 404

<210> 815
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 815
cgttgctgtc gccgggatgg gatgtggcgc ctttttccgc tcgccctcgc gccccccccg 60
ccccgcgcag ctaaattccg gcggaggggc gagctggcag gccgggtcct cccactctgg 120
gcagcggggg cccgcgtccc ctccccact atttggcagc gtctgggggt ctggggcagc 180
ttcgttcatt caccggggg agttgggttt ccgggaaggg tcggaagctc ctccctcgct 240
tcctggtggg taatggggtg gngcctttga ctccgggggt ggaaaagcga cccacattc 300
aaggacgcca atggcatgtt gagctttccc aatctaaaacc aggtgcgtgg aggggaagcaa 360
gtgcttactc ccagcttgaa ccctgagcag cggttg 396

[illegible]

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<210> 817
<211> 400
<212> DNA
<213> Homo sapiens
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<210> 818
<211> 404
<212> DNA
<213> Homo sapiens
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<210> 819  
<211> 400  
<212> DNA  
<213> Homo sapiens
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<210> 820

<211> 398
 <212> DNA
 <213> Homo sapiens

<400> 820
 ggcacgaggc atggctttcc ctgagcctta gccgcggcct ccagagctgc cgcagaaacg 60
 gttgaagacg ctggactgcg ggcagggggc agtgcgagcc gtacgattta atgtggatgg 120
 caattactgc ctgacgtgcg gcagtgacaa gacgctgaag ctgtggaacc cgcttcgggg 180
 gacgctgctg cggacgtaca gcggccacgg ctacgaggtg ctggatgcgg ccggctcctt 240
 tgacaacagt agtctctgct ccggcgggcg ggacaaggcg gtggttctgt gggatgtggc 300
 atcagggcag gtcgtgcgca aattccgggg ccacgcaggg aaggtgaaca cggatgcagtt 360
 taatgaagag gccacaggta tctgtccgg ctctattg 398

<210> 821
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 821
 ggcacgagga gccatgcgag cagctcgttc ccttggagaa agaactgtga cagaactgat 60
 attacagcac cagaaccctc agcagttgtc tgccaatcta tgggccgctg tcagggctcg 120
 aggatgccag tttttagggc cagctatgca agaagaggcc ttgaagctgg tggtactggc 180
 attagaagat gggtctgccc tctcaaggaa agttctggta ctttttgttg tgcagagact 240
 agaaccaaga tttcctcagg catcaaaaac aagtattggt catgtggtgc aactactgta 300
 tcgagcttct tggtttaagg ttaccaaaag agatgaagac tcttccctaa tgcagctgaa 360
 ggaggaattt cggagttatg aagcattacg cagagaacat gaa 403

<210> 822
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 822
 cggtgctgtc ggcggtggga gcgatgaggg tctgagacgg tgggagcggg tgtgtgaaga 60
 tggagtttcc cggaggaaat gacaattacc tgacgatcac agggccttcg cacccttcc 120
 tgtcaggggc cgagacattc catacaccaa gcttgggtga tgaggaattt gaaatccac 180
 ctatctcctt ggattctgat cctcattgg ctgtctcaga tgtgggtggc cactttgatg 240
 acctggcaga cccttcctct tcacaggatg gcagtttttc agcccagtat ggggtccaga 300
 cattggacat gcctgtgggc atgacccatg gcttgatgga gcagggcggg gggctcctga 360
 gtgggggctt gaccatggac ttggaccact ctatag 396

<210> 823
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 823
 cggtgctgtc ggcagaagga accgcccag ccatatcaag tcgagtcgag gccgtcacc 60
 atgttcggg acattggcca gcaactgcag gccacctgta cctccctggg gtccagcatt 120
 caaggcctcc ccaccaatgt gaaggaccag gtgcatcatg cccgccgcca ggtggaggac 180
 ctccaggcca cgttttccag cattcactcc ttccaagacc tgtccagcag catgctggcc 240
 catagccgtg agcgtgtcgc cagcgccgc gaggccttg accacatggt ggaatatgtg 300
 gccagaaca cacctgtcac gtggctcgtg ggacccttg cccctggaat cactgagaaa 360
 gccccggagg agaagaagta gggggagagg agaggactca gcg 403

<210> 824
 <211> 393

<212> DNA
<213> Homo sapiens

<400> 824
cggttgctggc ggtaaaaatat catttttatct catactgtta gtaggagctt cttaactact 60
accatttctt aactttaaga agcatagaat ttaaaatata gaacgaccgc ttgtatggcc 120
tggatctggg cacttaacct tactaagttt atctcgtgta aactgacctt gctaactcac 180
gtgaggctta aataatacaa tgtggaagac ttcagggcac atttttggtt ttttggtttt 240
tgtttgtttc ttgagacggt gtctcactct gtcgcccagg ctggagtcca gatgcacaat 300
ctcggctcac tgcagcctcc tcatcctggg ttcaagcagt tctgccttag cctccggagc 360
agctggaatt aggtcgccca ccaccacgcc cgg 393

<210> 825
<211> 229
<212> DNA
<213> Homo sapiens

<400> 825
atgtcctctc cacatgaaga atcaatctga attcttcacc actgatgttt tccatctcta 60
acttgaagtt acaaaactaac tttagcagga atacttatgg cttacttcgg agcatctgtt 120
acaaggcaag aactatcatg tatgtttgct acattcatat ttaatttcta tttttcttcg 180
agctggccac tcgatttgct gttcagggta tgttcctctt ttcttgtct 229

<210> 826
<211> 368
<212> DNA
<213> Homo sapiens

<400> 826
aatataagtg acaagtacac acacacacac acacacacac acacacacac acacacacac 60
aaaacacaga aattactgca tcatgagggt ggaaaatcaa ttttgtccat agaggtcac 120
acaaatattc ataattttta tagggcttaa cagtgaagtcc taacgtcaaa tattcctgaa 180
tgctaattcct aaaactctct aatttataga cttttcttac tcttaaccaa tcagcgcgcc 240
atcatatcta catgattttt acaaagtgtt ttaactaat tctattccca aaaagtatct 300
gtgtacctgt tgttctggga agcatcagga gaggaagaaa ttaagggcta tgccactgat 360
aacagttt 368

<210> 827
<211> 225
<212> DNA
<213> Homo sapiens

<400> 827
atgtacacat aactgtcatt gtttgcagac aacaggctaa ttcagtagaa aatccatgca 60
aattaactaa aaacccttta ggacaataga attaataaag tggaagatta aaagattaac 120
aaagaaaaat aattgcttcc ctgtactggg aataactaat tagtaaatgt aatagacaaa 180
gatcttatgc tatcactttt tcaatgttat ttattttgta cctct 225

<210> 828
<211> 362
<212> DNA
<213> Homo sapiens

<400> 828
tgtagtgggt tagagtatac actgaattaa tgagctattg ggccacgggg agctgaaagc 60
ttatatatgt gtggagacac tgtttctgett tcaatctcat catccttatc tccaacatat 120
gtatgtatat tgaaatacca accaagtagt gtattttgct agagcttatg gttctcataa 180

ttaatgataa	gactgtcagc	cgggcgtggt	ggctcacacc	tgtaatccca	gcactttttg	240
agtccgaggc	aggcggatcc	cttgagggtca	ggagttcaag	accagcctgg	ccaacgtagt	300
gaaacccac	atctactaaa	aatacaaaaa	ttagctgggt	gtggtggcac	acgcctgtaa	360
tc						362

<210> 829
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 829						
atatgactat	aaaatctatc	ttcatctgta	gggaaggtaa	tgaattacca	taaatgcctt	60
cataatccag	tctctctccc	tcccctcttt	tctaataaaa	atgcagagag	aacactgtga	120
agctcaagct	gcctctaaag	aaagtagaga	tttacagaac	ataacctcac	aagatttggt	180
gatgaattat	gaagggaagga	catttatttt	gagaatcatg	agcattataa	tattttattga	240
ggattagaaa	tttgttatga	ggagggtgctt	ctacctctc	atgagccact	tatgcactta	300
atgcccactg	gaagaacatg	attaattcgg	caaaatccaa	ctctcatgaa	tatccccctg	360
ttgt						364

<210> 830
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (362)
 <223> n = A,T,C or G

<400> 830						
cttcctcagt	tcgggaggtt	taatgataga	tggagaattc	tgaaagttag	gagctacaac	60
tatttgaaat	aaaactctag	ttacatagtt	gaaccgttca	aggtaggttg	tttaaaagca	120
gtttgttcac	aaacagggtat	atacacagta	gagaaaattt	gttatttttag	caaacgctta	180
tttagctcat	gctgattttaa	tgagggttgc	tttcatgata	cttaatagtt	ataagaacat	240
tttttacgat	tctatagtta	aacatttggt	ttgcatacct	tgttaaactc	cgtctctccg	300
tatagcatat	actacttggt	tgacaggaga	ttcacaaatg	catccaatcc	aaagaacaga	360
an						362

<210> 831
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (362)
 <223> n = A,T,C or G

<400> 831						
taactacatt	ttacagaaga	tgaaaccaga	gctcaaggtc	atgttttagt	aaagtgaagg	60
ttgtggaatt	cagaaccaga	tttatctgac	tccaagggtcc	aagcttttta	ccctctacca	120
tccaccaga	tgtatttcct	gactcattca	ggagtttaac	tttaattgtg	atagtaatat	180
tctcccatca	gctaagtga	ccagcttgga	aataagtgt	ttaatgaatt	tcttcactaa	240
aatttaaaaa	tgcttttgta	tttatgcata	gctaactcct	gagtttccat	tattgataat	300
aattaagaaa	ctggtngtat	atgaaaatgg	tgttgtagca	tacatttggc	ttcattatct	360
tc						362

<210> 832
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 832
 ctatcttaga acaagttaga tagtatatgt acttgtaata acttgtagact agatatgtta 60
 gttttgtcta ttaatcttct tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120
 atgaaaagtg tttaaaaaat taaatatttt agaaggatca atatcctaag ggttgtgggt 180
 aattttttcc tactttctaa aacttcagat tcttttctact cacttaagggt tgtactacca 240
 ttaatgcaat gttttctggg agtgcaagat ttgcaaatga attaataaca gctagaagcc 300
 tcaatttttg cactttttata acatttctttg ctgttatcat tacaaggtaa aattatatag 360
 ta 362

<210> 833
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 833
 cggttgctgtc gaaaaaaacc ccacaaaacc ttgtgggtgt ctgagacaag aacattttcag 60
 gcaggaataa cagtaagtc gaaggcccca aggttaggaac tgcattgcatt atgccgtgga 120
 gaacagtc aaaggtcatta tagctggagt aaagtgcatt aaagagaatg gtaagaaata 180
 aggttgaggaga gaccgggtgc ggtggggtca tgctgttagt cccagcactt tgggaggccg 240
 agatggatgg atcacctgag gtcaggaggt caggaccagc ctggccaaca tggtgaaacc 300
 ctgtctctgc aaagaatacg gaaattagcc aggtgtggtg gcagggtgct gtgggtccag 360
 ctgcttgaggga ggctgaggca ggagagccgc ttgg 394

<210> 834
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 834
 cggaggctac ggagcagccg ggattcagaa tactactaca gagccagtct gagaggacac 60
 tgctgcctcc acctccgaac atgtatctgg atgtctccagc ttgctctact gtcattctggg 120
 aactgaaca ctaggcaccg gtgccacagt gctaccacat ctgcccctgt gcaattcata 180
 ctggtgggtgc agctgtctta actgtctctg ctgaccaaca aaatgcattc tccgtggctc 240
 ctgcttcttc actgtgagag gtctcattgt ctaacatcct tgggaggatg gacttttaat 300
 tcatcccta ccaatgtact ctatcctaac tgtatgggag gcggtgaaat acctaatacg 360
 attttct 367

<210> 835
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 835
 acagaagggg ggctctgccc acactggatc tctcctcat tctcgatcct gcccaaatgc 60
 catttctcag agagtggact ctgggtcccg gctgccttga ttcaacagct gggcatgtta 120
 cttacttttc ctgtgtccct gtttcacctg taaaatgtcc gtaataacgg tgctacctc 180
 ttatgggttg cacaaggctt atgtaaaaca atcgacacag tgactggcac agtgtgcaaa 240

ggccatatat	gattattact	taacgtgtcc	aattttcatt	ttgtgtctat	ccctcagccc	300
tatctgacat	aatttagtcc	cgctttttgt	gggactcctc	aaccccccaa	ggctaggtat	360
ggccaggtac	n					371

<210> 836
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 836						
cgttgctgtc	gggcaaggaa	ccactctaag	ctcttcagtc	actctaatac	agaaactgtg	60
tctttatggc	tcaggcaacc	agttcatggc	agcctagaat	gacagggaaa	aagctgggaa	120
gggaccttag	aaaatcactc	ttgcccata	ctccagccaa	agtggctctt	taaaaaccaa	180
gttcaggctg	ggcgcggtgg	ctcatgcctg	taatctcagc	actttgggag	gccgaggtgg	240
gtggatcatc	aggtcggggag	ttcaagacca	gcctggctaa	gggtggggaa	accccgcttc	300
tgctaaaaat	acaaaaatta	gccgggtgtg	gtgcacgcct	gtaatcccag	ctactcanga	360
ggctgaggca	gaagaatcgc	ttgaacctgg	gn			392

<210> 837
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 837						
cacctgtaat	aattgtgtgg	ctattccgaa	tatgcaaagt	tgaataaaaa	tgcaaaactc	60
tacatgaata	ctcaattgga	ttattctcca	gctgggttgag	aatacttacg	tagtacttgc	120
aggtattaat	tgattttaatt	cttataaacac	atttttttaa	gggtacaaac	aggcattgga	180
aaaaatttta	aatacagatt	taatacctga	ctcgggaagaa	aggtataata	aggatggagg	240
atatttgcct	tcccgcacatt	ttggagctca	attttttttt	cttagcaaaa	gaaatgggtg	300
gacttcg						307

<210> 838
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 838						
aaaagtaaga	tggagcactt	gtcttcatgg	aagtaaattc	atgataatct	tgtttaagta	60
tcctattcag	taattatgta	ttgttaggta	gacattattt	cacaggacta	ttagagcata	120
ttgaacttag	aaactttgaa	agctcttttg	atgctagctg	gtacagaatg	cccatctgct	180
ctatgattac	tgtgagaatt	gtgttaaaaac	tcttggtctc	ttgttaattt	ccaagtatag	240
tgcaatatgt	ggattttcaat	atataaagat	gaagaaccta	gatgttttga	gcttttcatg	300
tcagaggtag	tctcagagtt	gactcatagt	tggccaggct	atcttcagct	ctcttgctta	360
g						361

<210> 839
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 839						
cgttgctgtc	gtttgcattt	aaacaagttg	gagttcgtaa	gggtgaatta	cttgaaatgt	60

actaatagat	agtagagaat	atttacaaca	cattttttaa	aatatgaccc	ataataatag	120
gtggcattta	agaaatataa	gcatggatc	tatcttacat	gcatattagg	agtggacagt	180
tttctatgat	tagaagcaca	cagttgtcga	gcaagggttc	taatttttgt	acgtgttggtg	240
ggaaagaaaag	ataatacagg	gtgtcattgc	aaagatat	aactactcta	gataatttag	300
gcctacacta	ctctaataaa	ttgggttttc	caaattattg	atacaccttg	agaactagtg	360
cctgggtagg	cctggagaaa	tgactccagg	ag			392

<210> 840
 <211> 391
 <212> DNA
 <213> Homo sapiens

ggcacgagggc	agcagctggg	gaggagccaa	agcctcggcg	ctcacctaag	ccgcagggag	60
atacacccaa	ctgggagatg	aggaaacagc	aaccacagaga	ggagaactaa	cccacacagg	120
atcattttcgc	gaaggagcaa	ggctgaagaa	ccagacctgg	actttcttag	gcaagtaaat	180
tctgattata	tcacggagac	ttgcttttag	aaatctgccc	cttttactg	tgagatggcg	240
tcattaacac	atctagttct	ctcctaagca	gccagcaaac	atattattata	cactagatat	300
tatatggga	tttgagatga	tacaaaggaa	taaaatgggg	caattagctc	tagtaatttg	360
gaggtctcaa	cttacggata	ttccaagttc	c			391

<210> 841
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

cgttgctgtc	gcttcagaga	tgttctgtcc	aagggttagt	ttgcacggag	gagagcagga	60
atgcagggcc	agggcacggc	cacccagagc	ctcatgctgt	tcaaagcggc	tgagtgagtg	120
cttttagacca	cacaaggcag	gtcgagaggc	acagtgcatt	cttgggagga	tggcacgggg	180
cagtgggtga	ggatggccca	gggtggctggg	gtcaagtgtc	cctaccagcc	cagcctctcc	240
catatcatca	tgggacatga	atgtgagggg	gtgggtgatg	tggcagtggtg	aggtttaaga	300
aatacatcta	gaaggccagg	tgtgggtggc	cacgcctgca	atcccagcac	tctgggaggc	360
tgaggtgagt	ggatcacgag	gtcaggagn				389

<210> 842
 <211> 227
 <212> DNA
 <213> Homo sapiens

gagcacctct	gtgttcctag	gtctgtgcag	tgacttggga	gtacagtgat	gaatgggacc	60
atatgggtccc	accctcatgg	gcagtctcta	attcctgcct	tatgaactga	agatctat	120
cttggcctga	ctttatat	ttcatgggta	aaagttttgg	ggcctctgaa	gtgtgcattt	180
gaactcaggc	atggccttct	ggggctgttt	atgccctatc	accctga		227

<210> 843
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 843
 aaattagata ataaagtgtgct tttagtaaca tgcttggcac agttcattga ttcaaacatt 60
 gaaaaaaaaat ttttttaatt atcatagtag tgtgtacctt tggaaaaaatt ataacttaac 120
 agataaggct aagtttgagc cttccagacc tttccttctc tgcatactct tcaggggtaa 180
 ctgggatcat gttctgggag catgtcattc caagactgtt tctttgcttt tataaacaca 240
 tctgtttcca tagaaatgct gtagtggttg cagagggggc ggtgcgtggt atcatcctgg 300
 atttgntatt ctgcgctttt ttgcttgacc taccttgat ggctctctag tcgatacagc 360
 t 361

<210> 844
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 844
 cgggggttcaa gctggactcg ccacgactag attgcagggg actaaccgct taaattgcgc 60
 aactggatgat gctcttgctg tatttgagga catgataaac gagtatatgc tgcatagacc 120
 cgacaactgc attcattgta tgtgtcaggt tcaccgggag gtgacagatg ctacacttgc 180
 atttattgaa tgagcttatt ggatatcttg ggtgcaagca ggaagcaacc tgctgacctg 240
 agctccctgt ggccctgggc ctctccactc tgaaaacatc caggcagatc ttacaactcc 300
 tccagtcaca cccagataacc aactctaggc cagaccaatg caatctcttg gcttgaattc 360
 aac 363

<210> 845
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 845
 ggcacgagat tccttgcttg attttattgt acagtgtgca caagcacaat ggtatgcttg 60
 tatatagaaa ctaaaaatac tatgaagtac ataagttccc tatggcttat ggagagttat 120
 ttattaatta actttatggg agggctagta tgaatacctt ttttaacaatt gtgtgctatt 180
 acaacaatga agattcaaatt gactccgctt tgaaggatgt tttctctata tggtaaaata 240
 tatatgaaga agtcttgatt acgtgaagat cacttgactc agaatacttc aatgtatttt 300
 gttcacatta ccactaagca tattatcagt aaactattaa ctgactgcac attatgtaat 360
 acgttgatct ttttggtgaa ttcaccga 388

<210> 846
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 846
 cttgggaggc tgaggcatga gaattgcttg aaccaggag acagagggtg cagtgaagcca 60
 tgatcccacc accacactcc agcctgggtg acagattgag actctgtctc aaaagagtta 120
 ttaccacaac aatagactat aaaatctgta gtcttaattt gcatatcatg gtagacagga 180
 aaataccttt agcatcttaa taaaagatga atcaaactct ctaataaata ccctagaaaa 240
 gacaaacaat aactaaata taagattaaa gagtagtttc taatacatca ttctaagaca 300
 aaatgagggg aaaaacccca tttcaaattt aagtcaaaag aaagggtgaa acataaagga 360
 gtctg 365

<210> 847
 <211> 391

<212> DNA
<213> Homo sapiens

<400> 847
tctaccaag tgaattataa ttaactgcgt cacatattatc attataactga cctttgagca 60
tttcccccaa ctcacagtat tttgtttctc agatatggga tattcgcttg ctttgtgaaa 120
aacatgaaaa tgtagcaga gtcagtgct ttgccagca gatggcattt gtgtgagttt 180
ttcaggatcc tttggaatct gtcacttgcc aattacccaa tttgttttga atactctgta 240
tttcaggtta atattgcacc atttacataa agagaatgtg ccaaaattgc tgtaaatctgt 300
tctgtaatca aatctgactg ctgtagatgt ataacttact tttggtaagc tggttactgc 360
aaaatggtct caagacaatc cttttctatt c 391

<210> 848
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 848
cggttgcgtc gntatatttat gccttcaggt tttaaaaatt ataaacattt acattacagt 60
aaaagtcact ctggtataca gatctataaa gctctgataa atgtgtagag ttgtgtaacc 120
accaatgcaa ccaaggtaca gaacagtcct cttagcctct ccctaccaa tttattcctg 180
ctactttgta gacaaaacca gtcccttaca cccaaaccct ggcagacact ggnttttttc 240
ttcggtctct attttttttt tttaggaaaa aaagattatt tttttcccca cgctggaagg 300
gggccagggg ggggatttgg aaaaaggcca cctccccct caggggatta ggggtttttc 360
tggtctggct ccccaagggg gtgggaaan 389

<210> 849
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 849
cggttgcgtc gcttacaggg tcattcagac cccatcttag ccctagatcg gtgcttgctc 60
tactcacctg cactgtcctg gggacctggg ctctggcctg tcaccttgag ctccaagaat 120
gtgacctgta cccattcagg ccccttaact ctgacagatg agggtttctt actcctccat 180
gcagggtctg gccagctggt ggtctcagtc gatcattcag gaagtcatta gcagagtgat 240
ttccagaagg cgtagaattt agtgaccaag gttctttcct ttttgggagg agaaagtgaa 300
aactaggatg ctgagctgga cccaccagcc tgagattctg gggattttag agctgtccct 360
tggggagcca agcacttggn ggtggagggt atagg 395

<210> 850
<211> 388
<212> DNA
<213> Homo sapiens

<400> 850
gacaaagctg catgcctggt ctcaactccc tagaatttga acacacggct caggggtatt 60

gagctgagat	cttgagctca	agcaggagag	gagccctcac	tctcagacca	cagagaagac	120
tgaggtgtgg	gatcatggga	tggcacagca	gctgggtata	ccatgctctg	gaagaccaat	180
ctaggaaggg	tgtggcctat	ctgccatcct	cagcctctgc	ctgagggagc	tccatgccct	240
gcagcaccta	acagacaagc	aatcggagaa	caaaaggctt	gggacaaaac	tagctgggca	300
agctcagtac	tgggacagac	actggaagga	gacctgatca	gtcgagcaca	agctgggaag	360
tccagacagc	aatctctggg	aaaaaac				388

<210> 851
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 851						
ggcctattcc	taatggatag	agaagaaaga	cgacagcggg	aacacacaag	aagaaaactt	60
actcttcgta	gaaaaataga	agaggacata	cagcgaatgc	tgctcatcag	cgtcaaaata	120
gttcaaataa	ttttacgaaa	aaaaactcag	cttctgttgt	ttatcaggca	gatgtaccgg	180
ataatggtat	aaatcaaaaag	gaggtataaa	tatttcaggc	caaggggtcaa	ttatttcagc	240
gcaggtatca	cccacgagaa	atttttccag	agcttcacaa	gcatttttgg	atacttcaca	300
agaagagaag	gagaccaatg	ctgattggga	tggaagacca	acccatagat	caagctatct	360
ctgcgag						367

<210> 852
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 852						
cggaggagct	cccaaccccc	accgggtgca	ccttgcagaa	cccctccctg	agaatccggt	60
cgggattcgc	agcctggacc	cacacgtgct	gctccccaag	gcaggtccag	cgagtgcaca	120
ggtgcagatc	ccttgctgcc	acctccactg	gccagtgtt	ccggagccag	gcgtgcccag	180
ggctgcacag	acgttagcac	cacgctgcac	ctcccatttc	acggagaagg	aaaccgaggc	240
acaaaggcga	agcttttcc					259

<210> 853
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 853						
cgttgctgtc	gcggcgggag	ccgctgctct	ccggctgagg	gaatcagaga	cagctccgtc	60
cctagtggag	cgcaggggag	gcagaagtca	tgacaggcga	ggtgggttct	gaggttcacc	120
tanaaatcaa	tgacccaaac	gtcatttcac	aagaggaagc	agatagtcct	tcagatagtg	180
gacagggcag	ctatgaaaca	attggaccct	tgagtgaagg	agattcagat	gaagagatat	240
ttgtaagtaa	gaagttgaaa	aacaggaagg	ttctacaaga	cagtgattcc	gaaacagagg	300
acacaaatgc	ctctccagag	aaaactacct	atgacagtgc	cgaggaggaa	aataaagaga	360
atttatatgc	tgggaaaaat	acaaaaatca	aaa			393

<210> 854
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 854
 cggttgctgtc gaaactcctg agctcaagtg atccactcgc cttggactcc caaagtgctg 60
 agcttacagg cgtgagccag tgtgcctaac ctccgggggtt cttgactgag gcatagccct 120
 tggctttctg ttttcctctg tctcctctcc ctgaggtggc ttgtctgggc ttaggatttt 180
 gcttgctact tccttgctta caactccaaa aactctgcct gggcttctcc agtggaaacta 240
 cagtcagatg gctgaagcat cccggctctt gggccccatc ttgagctgcc aggtgcctca 300
 aatatggact ggaggagtgg ctgtcactgt ggttcgctcc catgttagat acagggctag 360
 tctcagctct gccactcccc atgtgtgacc n 391

<210> 855
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 855
 cggttgctgtc gccaggtcac atggggaaga gttagctaca aaactggcca cttaatctct 60
 ggagggggggc gttgggtggg tgtgtctgtg tgtgtctcag ggggctggag atgcctgcgt 120
 gggaggagtg cacctctgac caggtggcag agtggaaagg ctgagggctc tcagctgagc 180
 tgtgcacatg gcgggcacag gaccggctgg ctgtgagtggt gtgtggcctg tggcctgtga 240
 aggggtgggag gagggtctgt gagctgggga ttctgggaag ggaatgtcgg ccagctggg 300
 aggttgatcc agatgacctc agcggcctct tcagtcctga aaaaaacctc agcatctcct 360
 ctgtcgtttt gggccgtgac aggacgcagc cat 393

<210> 856
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 856
 cggttgctgtc gccctcctgc ttttttttga gcctctcctg aaactgatag atgctgaaac 60
 cactgcagga gcctggccta acgtggctgc agtctccatt actgggcgga agcggagccg 120
 ggtagccctt gccgagcccc aggaggcccc tgattccact gctgcaggag gctcagcctc 180
 gaagcggatg gcgctggtgc tggaaacgggt gtgcagcact ctctggggcc tggaggaaca 240
 cctgaatgcc ctggaccggg ctgctgggga cggcgactgt ggcaccaccc acagccgtgc 300
 ggccagagca atccaggagt ggctgaagga gggcccaccc cctgtcagcc ctgcccagct 360
 gctatccaaag ttggctgttc tgettccgga gaaa 394

<210> 857
 <211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 857
 tagtggtcca naanatgaaa aaataattga acaaataagag gatatggtga ctacagcttc 60
 tacgtacctg tttgaagcca cagaaaaaag attttttttc aaaaatgtat ctatattaat 120
 ttcctagaat tggaaggaaa atcctcagta caaaaggcc 159

<210> 858
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 858
 ggcacgaggg aacatgggct ttgcagcaaa agcgaagaaa tctgctcatg aaaacatgga 60
 tctgaaccaa atatatgatt tgatgcaaga gatcacagag caacaggata tcgccaaga 120
 aatctcagaa gcattttctc aacgggttg ctttggtgat gactttgatg aggatgagtt 180
 gatggcagaa cttgaagaat tggacaaga ggaattaaat aagaagatga caaatatccg 240
 ccttccaaat gtgccttcct cttctctccc agcacagcca aatagaaaac caggcatgtc 300
 gtccactgca cgtcgatccc gagcagcatc ttcccagagg gcagaagaag aggatgatga 360
 tatcaaacia ttggcagctt gggtaccta aac 393

<210> 859
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 859
 ggcacgaggg ctatcataca ctatccaaat gaagtcattg tcaaagttca cgctgccagt 60
 gtaaatccta tagacgttaa tatgagaagt gggttatggag ctacagcttt aaatatgaag 120
 cgtgatcctt tacacgtgaa aatcaaagga gaagaatttc ctctgactct gggtcgggat 180
 gtctctggcg tggatgatga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240
 gtctgggctg cagttcctcc ttggaaacaa ggcactcttt cagagtttgt tgtagtcagt 300
 gggaatgagg tctctcacia acccaaatca ctactcata ctcaagctgc ctctttgcca 360
 tatgtggctc tcacagcctg gtctgctata aaaa 395

<210> 860
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 860
 cgttgctgtc gcttgaggaa gccagtgaca tttcaagttg gtcgaggctt gggcattggg 60
 aaaggggatg ctttgcccc acccaccctg cagccttctc cactcttccc tcccttggag 120
 ttccgcccag tacctttgcc ctccaggcag gaaggggaat atgtcctggc actgaagcaa 180
 gagctacgag gagccatgag gcagctcccc tacttcatcc ggccagctgt ccccaagaga 240
 gatgtggagc gttattcaga caaatatcag atgtcagggtc cgattgacaa tgccatcgat 300
 tggaaaccctg attggcggcg tctaccccgg gagctaaaga tccgagtgcg gaagctacag 360
 aaggaacgga ttacaattct gctccccaag ag 392

<210> 861
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 861
 cgttgctgtc ggagataagg actgagtgca gaagataaga gaactcgcat gatggaaata 60
 ttttctgaaa caaaagatgt atttcaatta aaagacttgg agaagattgc tcccaaagag 120
 aaaggcatta ctgctatgtc agtaaaagaa gtccttcaaa gcttagttga tgatggatg 180
 gctgactgtg agaggatcgg aacttctaatt tattattggg cttttccaag taaagctctt 240
 catgcaagga aacataagtt ggaggttctg gaatctcagt tgtctgaggg aagtcaaaag 300
 catgcaagcc tacagaaaag cattgagaaa gctaaaattg gccgatgtga aacggaagag 360
 cgaaccaggc tagcaaaaag gctttctt 388

<210> 862

<211> 303
 <212> DNA
 <213> Homo sapiens

<400> 862
 gctgctctac cctttaatgg atatgtgtgc attgaagatg tctggatgag gagactaatt 60
 ctagaaggca gacgtgcctc aataaattaa ggccttcctc aagaaacccg agaaatatat 120
 agattttgtc ttaaatgttt gtgtgagata tttgcttttc aggcacagat atatcaagtt 180
 tttttttatt tctatgttta tattgatatg ccttcacat ggtaattaa ataaaaagag 240
 gggaaaagga gaaagaaaaa gattcagagc atcatttggt aaaaagaaat gtatcattca 300
 acc 303

<210> 863
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 863
 cgttgctgtc ggaaggtatt ctccggcctt agaaagccca ggattaatgc aggattgcga 60
 tatttaaaaca gaacatttcc atacagcatg agtataaatg actttcccaa gtttacactg 120
 agagtaactg acacagcaac cccagcaaag tctgagctga gtccctgaata attgtataaa 180
 aaggggagag aaacagagtg aagaaagggg tcccagact ctgtcccagg aaagaaaatg 240
 agctcgtgga gaggaataga ctttctctat gaaaacagag ggaacaaaga ggaagatgtc 300
 tgggaaccga ggagtaatag agacctgagt ttacatcact actctgccac tccctaggta 360
 cctcccttta cctgtttccc tactg 385

<210> 864
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 864
 gagacagaga gattagacat tgcaatgaac aaactggttt tgaccattaa ttacattccc 60
 tggatacttg ctcaattcac cacacatttt tttttttctg aatcaacatg aaaaagactg 120
 gcttagtctg catttaaagc atttcgtaca ttacaatgat cacatgctac aggatttgta 180
 agtgctcaag gatgtgttca cagctagggg agtaaagccg acataaagaa atgaaatcca 240
 gtttctgtct tcaagacact tacattcttg cataaagtca agaaaatact attaggaaaa 300
 caatacttta tattgggtgc cttctttatc tggaggatgg caaacaacca aatcatg 357

<210> 865
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 865
 caatgagcac aagggaatac attatagttg attttgctca aacttaattt aaaagcctca 60
 ttttcttaga actctaatta ttcagatatt catgacaata tttttttaac agtaagaaac 120
 tctgagttgg cttcttgagg ctgtaggtct tgaagcagca acgtctttca ggggctggag 180
 acagaaaccc attctgcaat ctcagtagtt ttttcgaaag gctgagatca tttattgatc 240
 gagatatgac ttgttactag ggtactgaaa aaaatgtcta aggcctttac agaaacattt 300
 ttagtactga ggatgagaac tttttcaa atcaaaaatat attggcttaa agcatgagg 359

<210> 866
 <211> 142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 866
 tcctgcacca aagaaatgta aaacaaaccc agagagtgac attgagcagc tttaaagtga 60
 cgttgttttc ctttcacctg gtgaatttga gaacgcagtg gcttttgaga ctgtcctgcc 120
 aagtggcang tgaggcatgg ag 142

<210> 867
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 867
 tctccttttag ctgctacaga ctccctgctc tcttcctttt ccagcaaaca ctgtctgctt 60
 cctcttgtcc caccagctct tgaactcact cctttcaggc tccatcccca ccaccccact 120
 gcatccacta atgccaaggc cacctccatg tggccacatc caatgaccat ctctctgccc 180
 tcaggtccct ggttgaacat gtcagcagca tttgagtagc tgacctcctt tgctttcaag 240
 aaacttttcc tgctcttga tctcttctg tctccctagc cagattttcc tacttctccc 300
 ttactgattc ctccctaattt cctccatcat gaagcactgg agtgtcccag ggttcagtcn 360

<210> 868
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 868
 attctctata gtgtggatat gaatctatcc atctatctat atatatttat cttggaccaa 60
 ctatcttttt atacagtgtg gatgatcaga tataccgcac aaatccctgg ccagtgggag 120
 aagtccccct tactactttc agggccactt ctcaagtggaa gtccattttc agctgggtatc 180
 acacataaca aaatggccta ttttcagcat gtgccacaca gaccaagact ggcccttttct 240
 gtctccatta tcaggtcaaaa aggaaacaca catgatgcca taggagtgag atgaggtgca 300
 attttggtag ctgacaatgg ggccctgggtc acctgcttgc aatgtacttg t 351

<210> 869
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 869
 gagttccaag tagggaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag 60
 aaagctagtg ggaaaagttc caggattaca tgtcaggaaa ctacaagagg tagaaacatt 120
 tgttgattta ccagtgtttt taacttctctg ctgggctgaa aactgcttgt ttcgtggaaa 180
 agcaaaactt gacagcaaac atctaaaaat aagagctccc aaacttttga ggaacaaacg 240
 gaatgcattg tgaacactct actcatggac ttcttgagcc caacattgca ggttgccagc 300
 cggaacctat gctgtgtaga tgaagtagat tcaggagagc cttgttcttt tgatgtg 357

<210> 870
 <211> 384
 <212> DNA

<213> Homo sapiens

<400> 870

tacggctgct	ataatacgac	agaagggcac	acacacacac	ctttttttac	actgagagaa	60
tgagaaaaac	attaactttt	agttctccgt	gggccttatt	ttcttaaagg	aggaaatcat	120
tacacagtaa	agcattaatg	gccagtgtgt	gtttaattta	acaacactac	aaattcatgt	180
agagatgtct	gatcctctag	agaggaaact	gtcattcctt	agctgcagtc	ccctcttcaa	240
ctgaagaatt	acatttcacc	actaggtgtc	cacaggggaa	caaaggatat	cttacacttg	300
cccattccaa	gtccctttca	cacacactgc	actocataaa	caacttgctc	taggtcaatt	360
tataaaaacc	ttaaatctta	tttt				384

<210> 871

<211> 358

<212> DNA

<213> Homo sapiens

<400> 871

tttgtgggag	gaaccacttc	cactctcagc	cactcaaggt	ttatcaggat	atactagttg	60
agaagcatga	aaaataaaaa	ctggtaattt	cccataacca	aaacaaaaag	tgttacaaga	120
tacttaaatg	atccttggca	atacttttat	tctatttagt	atatgattag	gagtttagta	180
gattaaaaaa	cccaccacat	aaaagacaac	tggtatatat	tctcctcaga	catggtaatg	240
tgatgtaagg	gagtaaactt	tgaacttcat	ttttgtatgg	gtcataaaat	cgcatgagtc	300
atacttgggt	agaacacaca	tgattttcaa	taacaagttt	gtcttccact	tcattacc	358

<210> 872

<211> 330

<212> DNA

<213> Homo sapiens

<400> 872

gggagcctga	ggaggggcct	cacccggcct	gaggaaactc	actgagaagt	ggaggccgag	60
tcagagcctg	tgaggcaggg	gagtggggac	agtctcagcc	caaaaaacaa	tgctggcgag	120
aggcaggtgc	aggggtaagg	tcacaaggag	ggaagcgcag	ccctttcaag	gcaggagaga	180
aggcggcagg	agagaaggca	ccaggacaag	ggacagaaact	agagggaggg	taggacctgg	240
catttaggaa	ccagcatgtg	gctgggcctg	ggcgtgaggt	taagaaggga	gagttggccg	300
ggcacggtgg	ctcacgcctg	taatcacagc				330

<210> 873

<211> 355

<212> DNA

<213> Homo sapiens

<400> 873

ggtggcatgt	acctgtattc	ccagctacct	gggaggctga	ggtgggaaaa	tcacctgagc	60
ctgggaggtc	aaggctgcag	tgagccatga	tcacgccact	ccagcctggg	cgacagagtg	120
agaccctgtc	ttaaaaacaa	aaaacaaaaa	aaccccaaact	aagcagaaac	aaaaatgcag	180
aagacagaag	tctaagaata	tattaaaact	gtattctaact	atagatgtta	aattctaaag	240
tcagcagata	agtagaaaat	ctgtaaatat	aaaactgagt	ttgaaaactt	caggacttaa	300
agcaggcagt	aagaggaagt	ttggtggaga	gacgatattg	ttagaatgta	aacct	355

<210> 874

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)
 <223> n = A,T,C or G

<400> 874
 gatttttagga cttggtgttt ctggcatttc ataggaaata aataaatcaa agcctacagt 60
 aagcaacctt cttaatacat cttggaaggg gggaaaaccc caagaccctt atttaggatg 120
 aatatattaa tacaatacaa agcaccacaac ttctttcttg gaatgactta aganatccat 180
 cagcagaagg agacagttgc acttattatg ggatttctag ggcatggggg cgcanagaca 240
 aaaaagagct tggtttactt tttcaaaaaca tgaaatgctg attcccttct tttgctatgc 300
 tattcaggcc ttaaaggga aagcacaaaa gggttcttgg gcaatgaaga aaaataag 358

<210> 875
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 875
 taaactgaaa aatgagtcta aatgcagcca ctttgctatt ttagttcttc ataagactgg 60
 aagcaaagca attttactga aatgttatca gtgaaactac tcactctaca atgaaacatt 120
 tgtgtttact tttgtgggta gatattttgt ggtaaatatg tgtcaaactt ttatccaaac 180
 acaaatggta taaagagatg agtaagacag tctgtggctc agggctactt tgttgtaaaa 240
 acccagcgac accattctga ctgtgggtct actggttatt ctctatctag caccaagatc 300
 tttggaagac atgttaagca attatcttat cactctactg gtcacaatcc tccaaan 357

<210> 876
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 876
 ctcttccact aacacaggga aattccagcc cagtctctgag gaacatgggc aggtcgatgg 60
 gtttaattaa ttcagtatgc aaatgggcca tgagggttct taaaagagat gacttaaaag 120
 atccttttct aaatgatgaa gtccctcagc cccacagaca agaatgggccc ccaaggctgg 180
 ggcagtggtc tcatgcctgt aatcccaaca atttaggaaa cggaggcagg aattcaagac 240
 cagcctgggc agcagagtga gactctatct ctacccaaaa taaaatttag ttggccgggc 300
 gcggtggctc aagcctgtaa tcccaa 326

<210> 877
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 877
 attacatttt attgagctct tagtatagtc attctactaa ttatcaagaa ttgttaatcc 60
 tttaaattac atatttagtc aatacattag ccccaaaaac aagtaaaacta aagctaagtg 120
 agactaaata atcagaagtc aaaataaactt gcccaaggctc atatgtaacc aataagttgg 180
 ccacatctta gagtaagttc ttagtcgcta acaaagntca cttagttttt ttttgagaca 240

cagtctcact	ctgtcaacca	ggctggagta	cagaggggag	atctaggctg	aatgcaacct	300
ccacctccca	ggtgaaggag	agttttctgc	ctcagcctcc	acaataactg	ggaatan	357

<210> 878
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 878						
attggtatcc	gaaagagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaatac	aggcagtgag	180
tcattactct	tatcagaaag	actctaattt	aaaaggataa	acacaacaat	tattagaaaa	240
tgtgcatagt	gttaactttc	actcacttgt	agtgaagagt	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcatataca	ggtagatgat	gataaggatt	atgggtattgg	360

<210> 879
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 879						
ttccgttcaa	attctgacta	tgtagtattt	tagcaaacct	atgctagtaa	cattagaaaa	60
aaaataaatt	tactatccat	agactttatg	aaggctcatc	atgaagaaat	gggtgtttta	120
gtaagaaaca	gaaatttctt	aagctttctc	ttagatttct	ttagatttta	gttcaaaaata	180
gatttgagtg	agttttattc	tgatgcggtg	ctttaccctg	attac		225

<210> 880
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 880						
cagataatct	ttttaaatct	attattaaca	tgttcaataa	aaagatgaaa	agatggagaa	60
ttttattaga	gaaatggaat	atctaaaaat	gaattacttg	aagagttgct	aaatgaaatg	120
cagaataact	gtaagtgaat	acacagtttg	tgtaacagcg	gattagccaa	agcagaaaac	180
aggtttgctg	gaaataacca	tattaaaaaa	tgaagaccag	aaagaattgc	aaatgcacaa	240
aacagcatta	gaccacaggg	agcatgattt	tataaagggt	taggccgggc	gcgggtggctc	300
acgcagttaa	ttccagcact	ttgggaggcc	gaggcgggca	gatcacgagg	tca	353

<210> 881
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 881						
gttagaaggg	tcatacaagg	ctttatagaa	aggattttta	agatgagctt	ctatatatca	60
attaaaagaa	catttcagta	gaaacatggg	cgtaggtgat	gataattacc	agaagacaaa	120
tgcaaaataag	tgctgaacac	aggaaaaaaa	taatcaacct	ctccaataat	cagaaaaaatt	180
gaagttaatc	atcattaact	gttggggggg	tagctaccaa	atttgataaa	aactcaaaaa	240
ttcgtaataa	ttcagaaatt	gagaatagcg	gccgggctg	gtgggtcaca	cctgtaattc	300
tagcactttg	ggaggctgag	gcgggcagat	tacgtgaact	caaaagtctg	agaccaaccg	360

<210> 882
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 882
cggttgctgtc gggcaccgag cctattctgt cgcgttggtc ttatatacat acacggatga 60
cgaccatgag gacagtgggc atcaaacatt ttggattatg cgttattaat cccttatatc 120
actaaaatgc aacactgctg tggatgctat ccttaatata tactgactta tagatgcagc 180
ccactcgaag ttttgtgcc a gccttcttac ctatattaga caacgacttc aacagcgcg 240
ttgctaattgc cagcgaacca ccattgtgta tggttagcctg cttggatcaa ttgtaattat 300
tactggaatt gaattaatta atatgatttt gaacagatca tgttcaaact aacatcctgt 360
aaagtagaca ctgtaaggag ttact 385

<210> 883
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 883
tacggttgcg agaatacgac agaagggatg tcaatgcaaa gccagggct ggaagccaag 60
cgtgggcggc ctctgttcgc catcgggggtg aagcctcctg tgttcgttca ctgccgtcgg 120
ggtgaacgcc atatgggcag gtgactgggt gctctcgaac ctccccgcca agcccaaaaa 180
gccacataat taaatgcaat gtcggggccg ggcacgggtg ctcacacctg tgatcccagc 240
gctttgggag gatcacctga ggtcaggagt tcaagaccag cctgggcaac atggtggaac 300
cccgtctcta cttaaaatac aaaaattagc tgggcgtggg ggctcacatc tgtaatccca 360
gcactttggg aggccgaggt ggn 383

<210> 884
<211> 357
<212> DNA
<213> Homo sapiens

<400> 884
attccccagc aagatagaga taatagcttc cacttgccct ctcaaaacac acaaataaca 60
ttcagtatgt gacagtatta ttaaaccat tatgggtccaa tataatgaca cattaacgta 120
cctattttctc aggagatta tgggatattt ggagcatgga actaagtact aatcatattt 180
tggggtttct ctgtattctc cccaacactt gagttggcac ataagatgtg ttacatagac 240
atttgttacg tgaatgattt gatccttaac taggggtggg acacaaaata ttccaataaa 300
gattatcgca aaattctctt aattcagtg cagatttctc ttcagatggc attgtta 357

<210> 885
<211> 356
<212> DNA
<213> Homo sapiens

<400> 885
aaattataga caagcacaaa gaaaatagat atcgcccttta attccaccac acagagataa 60
tctctgttaa tatttcagta tgttggtggg aatcaatata ccatcttttg tgcataatgca 120
gattcttatt ttgtaaacat gagacactat tatgctttct gtggttgtaac ctcttttttc 180
acttaataata tcatgaacta ttttccaggt tattaaatat gtgacaaaaa tgtctttgat 240
tcctttataa ttttctgtca catactataa agctcctctg tgattttgca ataaattaac 300
ttgttttctc actatacaga cgtaagcttt ttaaaaaaaa atcaactcct aatagt 356

<210> 886
<211> 357

<212> DNA

<213> Homo sapiens

<400> 886

cataataggt	gctcagtatt	tattgaagga	aggaatggga	aaaggaaaat	tcattctgca	60
agaacagtag	aatcctactt	tggccccacc	ttattttatt	tgtcacttga	cctcagttat	120
cacatctttc	tgaccttggg	ttgtctgttag	gtttattgtt	aaaacataca	ctaaatagtt	180
tatattttta	cttgtaattg	ttgtctagct	ctggacaatt	ggagggccgg	gggggtgctc	240
tcctatttag	agaacacggg	aatacgccgg	gcgcgttggc	tcacgcctgt	aatcccagca	300
ctttgggagg	ccgaggcggg	cggatcacga	ggtcaggaga	tcgagaccat	cccggct	357

<210> 887

<211> 357

<212> DNA

<213> Homo sapiens

<400> 887

aggagaatca	cttgaacccg	ggaggtggag	gctgcagtga	gctgagatcg	tgccactgca	60
ctccagcctg	ggcaacagag	caggactccg	tctcaaataa	taataataaa	acgtatatca	120
ctaataacaa	atagatgaga	tttaatctct	ttagatggga	acaatccaat	aaagtcctac	180
aataatatag	ggcaataaat	tttggagagc	tttaattact	gtgcaagaaa	aatattctag	240
ttgaaatgaa	gagtcctcct	ggcctgtttc	cgcacagcag	agcaaaccgt	cttctccatt	300
cacatttctt	ggagttaaga	gcctggccta	tgctgggcgt	ggtggctcac	acctgtg	357

<210> 888

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 888

ggggtttcac	catgctggcc	agggtagtct	caaacttctg	acctcaagtg	atccacccgc	60
ctcagcctcc	caacgtgctg	ggattacagg	catgagccac	cacgcccagc	ccctccctct	120
attttataga	catggaaaca	gaggcatggg	ggaagttaag	tgatttttga	tacactgcta	180
aaaaccagtg	tatctcaaat	gcagtggaaa	catggccttg	cctcacagga	ttaggactaa	240
atgaagtga	ggatgtaaag	aggctagctc	aggcccagca	catattaggc	actcaagaag	300
ggcaggtcct	ccctccttct	ggeatagggg	aatgaaagat	gaggtgaggg	agggacn	357

<210> 889

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 889

ctgggaatac	aactgttcca	gcaaaaagggc	ccctgtcttg	ggaaggccca	ggctgaggag	60
gggaggatgg	cccgaacctta	tgggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cggcagagaa	gtgggtatag	aaagtatgg	cagggagccc	agtggagacg	180
gagctggcca	gccaggaagg	acctangtat	tctgggcagg	agggtgagaa	gggctccctc	240

ctccaggcct gccaggccg cctcctgctc caagctccgc tagctgccc gggctccgct 300
agctgccctg ttccccgcac caccac 326

<210> 890
<211> 360
<212> DNA
<213> Homo sapiens

<400> 890
atagatgaga tttaatctct ttagatggga acaatccaat aaagtcctac aataatatag 60
ggcaataaat ttgggagagc ttttaattact gtgcaagaaa aatattctag ttgaaatgaa 120
gagtcctcctt ggctgtttc cgcacagcag agcaaaccgt cttctccatt cacatttctt 180
ggagtttaaga gcctggccta ggctggcggt ggtggctcac acctgtaatt ccaacacttt 240
ggggggccaa aggggggtgga tcacctgagg tcaggagttt gagatcagcc tgggcaacac 300
agtgaacccc tgtctctaca aaaaatacaa atattagcca cgtgtggtga cacacgcctg 360

<210> 891
<211> 384
<212> DNA
<213> Homo sapiens

<400> 891
tacgctgtta tattacaaca caaggggaac tggctttctt tgattagata actccatgcc 60
atatctaatt tttaaatgcc ttgcatccac acttatcaca ccaaaataact ttaacattct 120
ttaagtctta attcttatct cctcaagggt ttgcgggaaa gagggacagg aataaccttt 180
cacctttgtc tctgatgaca gtcagcgcaa aactacttta tcatcccagc aggggaaggcc 240
aatacattcc cagcaagtat aatttctacc agaacaactc atgaaatgtg gtaagaaata 300
gtgtgcgggc gacttaagat aatacttttt aaaaaaaaaat agagaacaca gttttaaaaa 360
tctttctttt taaaacgaga tctg 384

<210> 892
<211> 355
<212> DNA
<213> Homo sapiens

<400> 892
attcctacca agtgacaaaa aaatctcaag agagttatca agagagggaa aaagagagaa 60
aacactaatc agcagtgaac caattcctct catatgtatg taaatagata aatcagtgtgta 120
taatgttaaa taatgatgca gcaattaaaa aatttaaaaa tagtctggga ccaaaagaag 180
taggggattt tgtcaaattc aataaattga ggtaggaaaa ggaataaaaa agtaaaaacc 240
ttttccaaag gtaattttaga gtgaagcagt aaagatattt tacaagtttc atcttttggg 300
cctgagggaa ggcacatttg tggaggagaa atggtggctt gtgttgtttc atgta 355

<210> 893
<211> 358
<212> DNA
<213> Homo sapiens

<400> 893
tagaagcatt tgtgccttga aataaatctc tctttgggga atgagttata tatacatccg 60
tgtgggggga cctatgcaca catactcaca cgcgcatata tattatgcat tacagacaaa 120
atacatgggc aaatcccca gacggcagcc ccgagcttct gggagggaag gtgatccgcc 180
tgtagcttc aaaggacatt taaagaatag tgggaaggcc atgcgcggtc gttttttttg 240
acctgggccc atttgtgagc gcgaagcgtg atttattctt cttacgtatg aggtggtctt 300
cgcaccttgg ggccaaccgt cttatgtttc tgccgtttcg ctttcccggtg tatcttcg 358

<210> 894

<211> 355
 <212> DNA
 <213> Homo sapiens

<400> 894
 ggtgcacatt attgaactcc tactgtatac taggatgaac aggagccagt ctttgccttt 60
 gggaggccca ggaggtgatg aggaggacag acgagaaaca tgtatttttt ttttaacctta 120
 aaatctttta tcaacttcaac atgtagattt caacattaaa agcgtccctg ctgggcaaca 180
 agcagagtgc acagggttcct ggcagggcta agttcttggc gcatagccta caggggttga 240
 ggtcagaggc tgctgggagt cagcaagcac ttgtaattcg cagtgcctcc cctgcccact 300
 cagggagggtg atgctggctg gctttaggga cccttcaggt ggggcagaac ccagg 355

<210> 895
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 895
 gacatgatga aggcaggggc ccaagggagg aggctgtgag gctgtgaggc tcaagctgga 60
 gtcttgtttc ctgcggtgcc tcaaccagga cccctgctcc tctcctccgg ctccagcaca 120
 acgaagcctc cttcattaag taaacagttc cttaatgaat aaaggaaatg ggataaggaa 180
 aaagaaacaa gaagaaaaac agacagaggt gcttttgcca ggcattttaga ctgattttcc 240
 cgttttaattc tcccaacctc cagaaatgaa ggttattcca gtctttgtca gagagggtgga 300
 gcatcttgct gcagatccca cagcttgaaa a 331

<210> 896
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 896
 cggttgctgtc gggacaacct tcattttaaag gcactttggc ctttggccag agttcagcgg 60
 gccacactca ggctggatgg gctgcagggc tgcaaatttg aaacagcaac aggtgctgac 120
 aggccgagca gctggggaga gactggcaca aaggagtgca catgccctgg cccaaaggcg 180
 caccacctc ccagctacag gggactgtgg accctaagtt aagggcgcct ttaaattattc 240
 attctcggac ctcatatttg attcattatt ttatattcat ttccttaacc agggcctcac 300
 aaatggatc agtttaggcc ctagaaagcc tgggccctgg ggctgggcgc ggtggctcat 360
 gcctgtggtc ccagcacttt g 381

<210> 897
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 897
 tgggagagag ccatggtaga agtggatctt tcagccccgt caagtcttta catgactgca 60
 tccctggtca acatcttgac agcaacctca aagaccttga gcctgaacca cctagccaag 120
 ttactctaca attcctaaac cacaaaaacg atgagatagt aaatgtttac tgctttaagt 180
 tgctaatttt ggggataatg tgttacacaa caataaataa tacattaacc tgttatgggg 240
 ttgaattgtc tccccaaaat gtgtggtgaa ttcctatacc caagtacctc agaatgtgac 300
 cttatttgga aataggatcg atgcacatgc aatgatttaa gatgcagtca tag 353

<210> 898
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 898
caggccccaca ggcacccacc cccctgcctg acagttggcc taaagtcagc ccacccccacc 60
agagagagct gcgtatagcc tctggcctgc aagcacctgc cccaggattg acaactggta 120
aggtggcacc accccaccat agaaggttac cagcagcagc taccacatg tgcctgccct 180
tggccttata gccagcccca cctcaccaga gagagttgtg cacaactgtt ggacatttac 240
ccaaccctgg tttgacagcc agcttggaga tggccctgca ccacaggaag ggatcttgtg 300
cagcaaccaa gccatttatg tcttccttgg cctgagagca agcctggagg ggaccctac 359

<210> 899

<211> 327

<212> DNA

<213> Homo sapiens

<400> 899
atgactctct tcttttttca ctgctgggta ttatttgtaa ctcacagggc agaataacag 60
ctctagagct caatttatct ggaggagatt cagcacacct gcttctcttt ttccactggc 120
atggctcttg gtgcaaatgt gtatttatgt aatagttaga aattaaacat cagcaccaac 180
agaaaaatat tcaacgccct ttattaaaca tcaaaact ttgtcaatgg gaaaagctgc 240
cccaactgtt ttagatctta cctctcaaca ttgttgtcaa agtacctttc cactctctgg 300
tagtgtcttt gagagggttt gtctatt 327

<210> 900

<211> 381

<212> DNA

<213> Homo sapiens

<400> 900
cgttgctgtc ggagacttcc caggaaggtc cagcgccctc tcagccttcg tactcagaac 60
aggcgaatgat gggcctcagt aacctgagcc ccggctcctgg cccagccag gccgtgcctc 120
tcccagaggg gctgctccgc cagcgggtaca gagaggagaa gaccctggaa gagcggcggc 180
gggagaggct ggagttcctt cagaggaaga aagcattcct gcggcatgtg aggaggagac 240
accgcgatca catggccccc tatgctgttg ggagggaagc cagaatctcc ccattagggg 300
acagaagtca gaatcgattc cgatgtgaat gtcgatactg ccagagccac aggcccgaat 360
ctttctggga tccctggggg g 381

<210> 901

<211> 351

<212> DNA

<213> Homo sapiens

<400> 901
aacacattaa aagccacagt tcagggatat cagagctaga gaaaaactgt caaaaagcaa 60
atgcagagag ccttgagggt atgtgtggaa taccacagag gaggaagtcc ttaatcagtt 120
atcttgcaaa gactcaacag aacctgggca taaacccaga cttgagcaaa cactaagaca 180
atggctcctg caagaactgt ctctctcaa tatttggagt atgtcagata cagcagtgcc 240
tttcagaatg tgcctaacat ccctaaagaa tttgaatatg ccactctttt tttctgattt 300
aaaattttct tactgttgca aattaagaaa ttaaaaagat gtttaagatt t 351

<210> 902

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

cctgggtaga	tgcagcccca	gaggtatatg	gctttgtgaa	gagccagatt	tcagcaccaa	240
ctggcctaca	gaactatatg	cggtggccct	ggttgttttt	ttgttaccag	atacatagca	300
acttatcttg	tgtactttgt	cggctctctg	tagtgaaaca	tgggatttat	tcctaattta	360

<210> 907
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 907						
cgttgctgtc	gggggctgcg	ggcgctcgct	ggtggcggac	ccggaggctg	ctgcggcgcc	60
ggggctccgt	ggcctggatt	gaatccgatc	gggagccatg	agcgtggaca	aagctgagct	120
atgcgggtct	ctgctcacct	gggtaggtcg	tggggcgggg	ctaggggaag	gtgagcgccc	180
gctcctcttg	cccgggatcc	ctggccctgg	ttcggtcagt	ctcttggtgc	tggggctggg	240
aggtgcgggg	tcgtcgactt	gctggaccgt	tggactctgg	cccagagacc	cgcccccgtc	300
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gtgggcgagg	acacaggtga	an				382

<210> 908
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 908						
cgttgctgtc	gggccccga	cagtgtacc	ttgcttgaga	agatgaagct	caaggactct	60
ctctttgatc	tggatgggcc	caaagtggca	tctcctttgt	ccccacatc	cctgacacat	120
acctccccgc	cccctgtctg	tcttaccctc	gtgccccctt	cccaggggga	cctctcccat	180
cctcctcgaa	agaaggaccg	aaagaaccga	aagttggggc	caggagctgg	ggctggcttt	240
ggggtgcttc	ggaggcctcg	gccaaactct	ggggatgggg	aaaagagatc	tcgaatcaag	300
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cctccccagg	cacccccag	t				381

<210> 909
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 909						
cgttgctgtc	ggacaagaat	cccacccttg	gccctgacac	tggcccttgg	ggccttactg	60
aatcaccgca	agaacaagat	tcattgtggc	tttggactca	ccatcggtg	agccctcctg	120
gtccccgcct	tgcaaaccct	tccgattgca	actccatctc	cacctcccc	tgccacagag	180
gggagacctg	agccccctc	ccttcctcc	ccccttggtg	gtcgggtggg	gacattagaa	240
aggagggacc	ccccccccc	aacatctgag	gaggggattc	tggaaactgaa	tggggcttcg	300
ggagtatgag	taccaggggc	ttcatgcccc	gcgggcctgg	ggtcccggga	gggattgcac	360
aattgagagt	gacgcacgag					380

<210> 910
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 910

gaggagagtc	actacagaca	ccaagaatcc	attcaggcat	gtctttaact	tctacttccc	60
ggtagtgct	gccacaattt	tatcccttag	aaccacagaac	agctgggagc	agataaaatc	120
ttcttgggtt	atgagttccc	agatgatgct	gctggcctgc	ggactgtact	ttgtgaactt	180
atgctggagc	agatggatca	gaaaccccgg	ccagaggatg	ctcaggaccc	atcaagcccc	240
cgcgaggaag	gactcagacc	cccaacccca	ccaaattaaa	gcaggcaatg	gagaattata	300
ctgaagggat	tcttcggctg	ggcaaaaaca	tgattagatc	tgcattctaa	agaa	354

<210> 911
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 911						60
cctcatttag	tgaacatcca	attcagaaga	aaaacaacag	tgaagacatt	atgtatttat	120
gcagactaca	aatctgatga	aagctatact	ccaagcaaga	cctcagtcag	agtaggaaat	180
aattttcaca	accttcaaga	aattcggcaa	cttgagttgg	tggaaccaag	ttgctggatt	240
catgttcctt	taactgacaa	tcataagaag	ccaactcgta	cattcatgat	acagaatgct	300
gttctagcca	atcaccagaa	tggaagagac	acccatatga	gacaaattta	aatatacaca	333
ccaggtagaa	gagagctcca	ttggtaaatt	tcn			

<210> 912
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 912						60
cgttgctgtc	gccccacact	ccccgtteta	gccagcaaca	tggatctcct	gtggatggct	120
gaagccaaga	tgcccaggtt	tggacatggc	acctttctgc	tgtgcctgga	aaccatttac	180
cagaaagtga	cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	240
acttaccagt	atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	300
cccatccgga	agctctatgc	tgtgggtgat	aaccctatgt	ctgacgtata	cggcgccaac	360
ctgttccacc	agtacctgca	gaaggcaacg	catgatgggg	cgccagaact	aggggcccgg	386
ggcacacggg	agcaacagcc	ctcacg				

<210> 913
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 913						60
acagaaccac	ttcaactcct	tctttctctc	caagtgtaca	caatgtgaca	gggactgttt	120
ctcagaagac	atctccttca	ggtgaaacag	ctacctcatc	cctctgtagt	ggcacaaaaca	180
catccatgat	gacatcagag	aagataacag	tgacaacctc	cacaggctcc	actcttggaa	240
accaggggga	gacatcatca	gtacctgtta	ctggaagtct	tatgccagtc	acctcagcag	245
cctta						

<210> 914
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 914							
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ttcccggagg	aaatgacaat	tacctgacga	tcacagggcc	ttcgcacccc	ttcctgtcag		120
gggcccagagac	attccatata	ccaagcttgg	gtgatgagga	atttgaaatc	ccacctatct		180
ccttggtatc	tgatccctca	ttggctgtct	cagatgtggg	tggccacttt	gatgacctgg		240
cagacccttc	ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg		300
acatgcctgt	gggcatgacc	catggcttga	tggagcaggg	cggggggctc	ctgagtgggg		360
gcttgaccat	ggacttggan						380

<210> 915
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 915							
cactgctttg	taagtctttt	cttatttttt	catatgtaca	tttgactttt	ccagctaggg		60
tgtaagtcc	ctaagggcag	ggtgcatatt	ttccatatgt	tttggcacct	atactaggcc		120
tgggtatata	ggaagcaatt	aataatattt	gttaaggctg	gggg			164

<210> 916
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 916							
agctgggact	acaggcgccc	accaccacgc	ctggctaatt	tttttgtgtt	tttagtaggg		60
acgggggtttc	actgtgttga	ccaggatgat	ctccatcttc	tgacctcgtg	atccacccac		120
ctcggcctcc	caaagtgtctg	ggattacagg	cataaaccat	aaaccactgt	gcccggcctc		180
tttttttttt	ttttattcca	tggagggacc	tctcttttta	ccaaaaattc	ccccactgt		240
tgtcctgttc	tattttttgtg	acactccctg	atctcgtgtc	gctcgcgtta	tcccccgccc		300
cctgttttta	attttttttg	tagactccgc	ctcaccctc	cccg			344

<210> 917
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 917							
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agcatactag	acacagagga	ccaagtagtg	ggctcctagt	atccttcttg	tggccaaagc		120
cttcacagt	aaaatagata	ggaagagcca	cctcgcctgg	cccgatattt	gtttttaaaa		180
ggctgggcat	ggcttatgcc	tgtaatggta	gcacttcggg	aggccgaagt	aggaggatca		240
cttgagacaa	ggagtttgag	actagactgg	gcaacatagt	gagagcccat	ctctacagaa		300
aaattttgta	gggccggggc	cgngggctca	tgctgtaat	cttagn			346

<210> 918
 <211> 345
 <212> DNA

<213> Homo sapiens

<400> 918

gacaactgac	tgaaatttaa	aaataacttcc	caagtcacaca	tacagaccca	tgagccgagg	60
aggaagaatt	ataggctcaa	agtgtctgag	tacaatctct	aacaaatcat	cagctgacca	120
ctaagctata	tagatataga	tgttaccct	gagaaccctg	gatgaaaaaa	taacaataac	180
tgagcagaga	catcagcagc	cacaaatcac	aggaaagaaa	gtttctaaag	ggctaaatca	240
tccaagcaga	caaaatatta	ccatcaacaa	ccagcagggg	aaaaaatca	tcataatcca	300
gcgtagttaa	aatattattt	atcgtgtcca	gtgttcagg	aaaat		345

<210> 919

<211> 294

<212> DNA

<213> Homo sapiens

<400> 919

gctccccacc	cattcttcac	tgaacctcct	gctccagcct	ctgcctcctc	cattttgatg	60
tctagaatca	ggggatccag	gatcatcacc	aaggctcattt	tcccagacag	atgtgctgag	120
gctgtagaaa	gtgcttttta	tttggttggg	agcttgtgca	taaatgagag	aggggctgca	180
catctgacgg	actatagggtg	actcatgggt	gaaccggaac	aggacatcgg	ggagaagcca	240
gcagtcagaa	ttcagaaccc	caaagaaaat	gacttcattg	aaattgaact	gaag	294

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<400> 920

tacggttgct	agaattcgac	agaaagggct	acaaaataat	caaaacaaat	cataataaaa	60
acggaagaaa	aaaatatttc	agcgttcctt	agactcttac	aatgtaattc	aaactgagtt	120
gtaatttcaa	tacacttctt	ctgttaatga	atgtgcagat	aactggttta	attttccatt	180
caataaattt	ttcttataaa	gatgaaggaa	ggccatgcgt	ggtggctcac	acctgtaatc	240
ccagcacttt	gggaggccga	ggcgggtgga	tcacgaggtc	aagagttcga	gaccagcctg	300
gccaatatgg	tgaacccccg	tctctactaa	aaatacaaaa	attagcttgg	cgtggtggcg	360
tgcgccctga	gtccc					375

<210> 921

<211> 351

<212> DNA

<213> Homo sapiens

<400> 921

cagcacacaa	acagtggctt	atccaggtcc	atcatattat	tacaaaatta	ctattatcac	60
tattatgtaa	taactgtttg	cttaaaacta	ttttgctttc	aatgtatttg	aaacactttg	120
cttatctaac	acattaaagc	tataaagtca	tataactttc	ctctccattt	cacaagacag	180
aagataagct	cagaagactg	gacctatgtt	gaatggtttg	gctaggatga	cagagtcagt	240
atgaggaaga	tcttgacact	aagtcttctc	tttatgtcac	tcttttatca	ctctgcattg	300
tcagttgtac	atacacatta	aattgagtgg	tgacaatttg	ttaggagata	a	351

<210> 922

<211> 322

<212> DNA

<213> Homo sapiens

<400> 922

agctatatat	atacaacctg	caacaggagg	gtcgtagaac	ccagaagcat	tagtcctgga	60
ggacttcctg	aaagaggtga	gttttggcta	agatcctgtc	aatgatgctg	gcatagacta	120

taagagagga	ggctgggcac	agtggctcat	gcctgtaatc	ccagcacttt	gagaggccaa	180
ggcaggcgga	tcacctgagg	tcaggagttc	gagaccaggc	tggccaacat	gaggaaacgc	240
tatctctact	aaaaataaaa	aaattagcca	ggcgtggtgg	tggacactta	taatcccaga	300
tactcgggag	gctgaggtag	ga				322

<210> 923
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 923						60
gggacaaaga	gctacctggc	ctgtaatgtc	gatctttggt	gattgagaga	cccctgcgcc	120
caaagacatc	cctaaccctt	aggatttaat	cctcttcagt	caaacgtttc	cttaacccta	180
tcagcccatg	tttttctttt	cttggtgaaa	gctgagcact	tcataggctg	tttacagggtc	240
cttctccaca	ggaaaatact	tcctccagga	caagaaccct	gtcttggttc	caaactttcc	300
caattataag	agtcaccttt	gcgcttggtt	aacctgcttc	cagggtgcttc	tcctgaggggt	349
ttctgattca	gctagactgg	agggggggaa	ctgacgaggt	gggtgggtt		

<210> 924
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 924						60
aagacttcct	ctaaaagtga	actagcccaa	cctcgggtga	cccacctcga	agtctctttt	120
atatgttgag	tttctaatta	ttgatgctag	taccataaaa	tgaggataca	attatcatgg	180
cagccatgag	tgaaattttt	gtagaacagg	atttattaat	catctgtttt	actgttcaaa	240
aatctattag	ctaggacttt	ctgccatgtg	tataagcctg	atttgtggaa	taagagaagt	300
ttggaagagt	cactatatag	gaatcttctt	tttaagaggg	catatgtttc	taatacaggg	323
attttagctg	tattattttg	gtc				

<210> 925
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 925						60
catcatgttt	gccaggctgg	tctggaacta	ctgacctcag	atgatccacc	tgctctgccc	120
tcccaaagtg	ctgggattac	aggcgtgagc	cattgcgccc	ggccttcctg	aagtaactca	180
tatctgcttt	gttttttatt	cagtgcacgc	tacgttgaaa	aaagtagtta	ctttctgata	240
gattccagta	ttcacaggat	ttaagcaata	aaaaattagc	aatattttta	ttgaatgctg	300
tcattttaca	aaataagaca	ttgaggtgca	cattatgggc	tagtttgggg	gaaaacggga	349
cttaaacaaa	ataagaaggg	ctggactggt	cattgggaat	aataaaaaa		

<210> 926
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 926						60
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaggg	ggccccgtttt	ttacaaaaac	ccaaacttga	120
aaaaaacctt	ggagggggtt	gaaaaaccca	aacaaaaaag	gcgggaaaaa	aaacccttaa	

tttgaataat	tgggaagcca	atgggttaat	tggaaaccaat	aaaaaccgga	aaaaaacagg	180
taaaaaccac	cattggcttt	tttttaattt	taaagggtcaa	ggggggggggg	gggagggttt	240
taancannnn	caaccanaaa	aatngaggtt	ctcattagcc	gtgattttat	ttt	293

<210> 927
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 927						60
attatatttt	taatttactg	tggatgacta	acacttatta	gtattctttt	ctgctgccac	120
gaacactgaa	agcttctttc	tgtctgggtc	ttggcaaagt	atgaaagtaa	ataattcttt	180
aaaatataca	tagtcagtc	aagaaaatcg	ggagacctca	attgagtttg	gagtcactga	240
tgtacttcac	atttacctta	gaaaactgat	ctagagtatc	aaagaaatta	aaaataatta	300
atttttagaa	tcacaatgca	gtataaatca	ttcaaccaa	ctccacactc	tagatggcca	344
ttaatttgca	agtgaagtag	gtcactggga	ctcttaatat	atag		

<210> 928
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 928						60
gttgacagtga	gccgagatca	tgtcactgca	ctccagcctg	ggcaacagag	caagacactg	120
tctgcaaaaa	aaaagaaaga	aaaaaaagaa	aacttgtaaa	agtaacaaat	gcattccact	180
ggattgctgg	tcattgttca	atgctcttat	aaaccaaagt	tatctacatt	ccttaaatta	240
acatttggat	agaaaactgag	caaataaaaag	gaattactgt	cattgtcatc	aatttcacat	300
tttaaaaaag	aaatttgaca	attactatat	tctctatatt	tttcaagaat	aatgaatttg	346
gagccgggca	tgggtggctca	tgccgtgaat	cccaacactt	tgggag		

<210> 929
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 929						60
ccctattcgg	aaaaaaaccc	aaactggaaa	aaaaccttgg	gggggggttg	tccccccccc	120
cccaaatgg	gggggaaaaa	ttgctttttt	tggaaaaccc	ccaatgaaat	gggtttaaaa	180
aaaacccttt	tttggggaaa	ttagaaaagg	tacccttat	tttggccctt	ttttattttg	240
caaaaaacag	ggggggggggg	gggtgctttt	tttttttttt	ttaggtttcg	ggggggggggg	291
ggggagtttt	ttnnnnnnag	anncnccng	acatttctat	ctatactatt	g	

<210> 930
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 930						60
tacggctgct	agaatacgac	agaaggggtg	caatggaaac	agagcgaacc	agtattggtg	120
ttgggttaga	tgaggcccta	acaagaagtg	taaaggggta	ggctgtcatc	atcttaaaga	180
catttggttc	ttactctgtc	tccactgaag	cttgcgagg	actgatgttg	gcaaaacaaa	240
tctggctcagg	caagcaaggt	tatatataac	aattagaaga	ggtcaaccag	gggttttattt	

caaaaacaaa tattttactgc acacccacat catgtcagac atggtactaa acagataaaa 300
 cacataagca gacatgggcc ctgctcttat agagcttcca ggaagcttat gaatttaatc 360
 aaagactcaa gccc 374

<210> 931
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 931
 cggggctcac tgtgaacgaa ccactcatcc caagcgccgt gaagaacact gatattctgag 60
 aacctctgtg atgctctggc tttatctggg ccccttatca tctgaaatgc ttatggtacc 120
 cgctccagtt gccttcatac tatgtatgca gggcaggggc aacatacgca aagtcaataa 180
 atgtaaccca tcacataaac agagccaatg accaaaacca catgattatc tccatagatg 240
 cagaaaaggc ctttgataaa attcaacaca acttcatgct aaaaactctc aataaactag 300
 gtattgatgg aatgcacctc aaaataataa gaggtattca tgacaaa 347

<210> 932
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 932
 cgggtgcgtc tcttggtatc ctctgtgaag cgagccagat ccaactttgc ctttgtgctt 60
 atgtgtcagt ctctgctctt tgatgggtcac gccttatattg tgtccagact ctgttttatt 120
 taatctgtga gttttctttc taaaaacata ttctatattc ccgttcaaga gtggagctaa 180
 cttcacagga tttgggaaaa ttctgattat tctagcccat acacagaatg cccaggacaa 240
 ggaagacacc acttctctga ggaattgtgc caagaatata agtcgggtgaa gtcagcatgc 300
 acatgttgaa tgtttacaat gtgccaggta ctttcatata ctattctatt n 351

<210> 933
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 933
 tacggctggt agaatacgac agaagggcctt agcacaacag agaaaagctt taaacactct 60
 tacctttgac tggaattaca cacacacaca cacacacaca catacatata cacacacaca 120
 tacacacaca cacactatgg ctttccacaca aagccatgat gcctccttaa aaataacaca 180
 cagctctgaa aagtgaatgt cgggggtgaa gagagccctc ctacactcct tttcctagtg 240
 atgacaaggt tgtgggggca tggctgactg tgaggagcan aagatgagag ggagatatca 300
 ttttacttct ttgactgcn ataataaaaa gaacagatat aatggaagga agaggccagg 360
 ggcagtggct tata 374

<210> 934
 <211> 344
 <212> DNA

<213> Homo sapiens

<400> 934
tatattaatc tagtctatct tagaacaagt taaatagtat atgtacttgt aataacttgt 60
gcctacatat gttagttttg tctattaatt tttctgttaa aaagaatatg cattgaaatg 120
agatggaaaa caaaatgaag agtgcttaaa aaattaaata ttttagaagg atcaatatcc 180
taagggttgt gggtaatttt ttcctacttt ctaaaacttc agattccttt cactcactta 240
aggttgtagt accattaatg caatgttttc tgggagtgca agatttgcaa atgaattaat 300
aacagctaga agcctcacta tttgcacttt tataacattc tttg 344

<210> 935

<211> 351

<212> DNA

<213> Homo sapiens

<400> 935
tagcagtagt agtagctacc tcaaaggact gtagtgagga gtaaagttac atacaaagca 60
cacagaactg cacctagctc agagtatgta taataaaaagt attagctaatt attactgtag 120
tggaaaactc ccttaattca agtgattgta ccttttttac tcaaatacct cctcctcacc 180
ctgcatctcc tgtggctcca tgaaatcaag gccctgcccc gaacagtctc tgtgccaaga 240
cagcttttag ctaccccaca ccactttatt tacagataaa ttctgacata cagatgtggg 300
tttcaacett gggtcctgtg tcttcaacca aaagataagc ttttcagggg g 351

<210> 936

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 936
ctgtcgcccc ggctggagta tagttgcgcc atctcagctc actgcaacct ccacctcctg 60
ggttcaagca attgtcctgc ctcagcctcc caagtagctg ggactatagg catgtgccac 120
catacctggc taattttttt tattttttagt agagacagga ttactactatg ttggccaggc 180
tggnnntnaa ctctgacct cangnnnacc ctntnacccc cctccctctc tttttttcac 240
cacaatttac tctcaccatt cccctccttt taaatataca aaacaaaaat ctcaactccc 300
cttaaccaat ccatttcctt tcaattaata aattgccaac aaccc 345

<210> 937

<211> 273

<212> DNA

<213> Homo sapiens

<400> 937
agaagggttt catatgggga tgaggagatg tagttttttat cttttttctg taagaaattg 60
gtggccttca ggttttttct tacttcttaa tgtggagtgg tcttatcgtg gtctttttct 120
ctggtcacat atttatactt tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg 180
tgtgtgagac aagggtctct ctctgttccc caggctggag cgcaggggtg tgatctcata 240
ttgtgcaacc tctgactccc aggttcagag tgg 273

<210> 938

<211> 345

<212> DNA

<213> Homo sapiens

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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<400> 946
tctgagaatt ttctataaca caaactcctt aacttcctgg tgggtaatgt tttctgggtg      60
ttttttctgt tttctgtttt ttttgttgcc atttcttctt tagtaaaatg aaaattgcaa      120
qtagaaaaqa aactaaaaat ggatttagtg tgaggacagg ttctttttcc tggcaggatt      180
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gtagaacact	ggtattcagt	tgactgttta	caatgaatat	atcttctggt	tggtcatggc	240
cagaagagaa	aatgtcattg	gtttgtgccc	aagcaaattg	attattaaaa	tacgttgaat	300
atgaccccat	ggttgcaaac	atcccttttc	ttagtaattc	ttagaga		347

<210> 947
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 947						
tttggatttg	ccgttattat	tgttgttaaa	ctgactaaaa	tcatacatgg	aataatagaa	60
atcaggccta	acatcagata	gacttttcca	ttcagttaag	ttattgtgta	gcaaaattta	120
ttttgtcagt	tcactacaca	atgtgacagt	atatagtttc	tctaatagag	taacattaaa	180
gaggacatat	aataataacca	aaaatttgag	ttccagataa	gtttgggtgc	tcactagcaa	240
gatgacgtta	aataactcat	ttaatttttt	tgaaatctta	attttctggt	ctgtaaaata	300
aaaagcaatc	tgtctcttgt	ccaaaagact	atgtagggtt	tttaa		345

<210> 948
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 948						
ggaaaacgtg	aatttttacag	ttacagttcc	attgagtcaa	atcccatttt	atatatacat	60
aaaaaattaag	ttctgagtga	gttctagcta	aatataagtg	cgactgtaaa	cgcagccaat	120
ttttttaagc	agaatatgag	aacacctaag	tatttctctc	atagcagttc	ctataaaagg	180
attaaacact	tatttctgtg	ttatggntct	tattcatata	tttttatagc	accttttttt	240
ggaacctata	tttgtgcttg	aagggtgttt	tgatatattg	aaacagtata	agccatttgg	300
agtcatgatt	ggtgggcaag	tggattcaag	ctaaaatact	aagaccan		348

<210> 949
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 949						
gtcatcaaca	tcctcattgt	catggcaaat	tgtgagttta	tctttgccag	cgtcagatag	60
ttcatcaact	tcctttttagc	cagattgcaa	aaagtcccat	gactctat	ccaactccaa	120
tgccatctga	catgagacaa	aatcagagta	gattaagata	gtggtcttaa	ctgaatgtag	180
ataaaagtat	ctacttgtgc	aaatttttca	gaaatatatg	accatatgaa	catggtgctg	240
aggccttgcc	aggccttgaa	aggggcctgt	gcaagtgagg	ggcacagaga	ttaagtttta	300
ttagcttctc	agagattc					318

<210> 950
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 950
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 cgacacctgc taattgtcat attatttaga ggaagaccaa ttgtctcaa agcccatctc 180
 ttgctttgag tgggtggtcc cacgaattat aggagcaggt ctgatggcca ttccagcaac 240
 aacaatgtcc ttgacagcaa gaaaaagagc gtgctgcaac aacagaactg gaatgtttct 300
 ttcatacatt ttcagtgtga tcacagtcac tgggtgctctg tattgcatgc n 351

<210> 951
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 951
 tgatactgag aaacaagtaa tgaagcttaa aagtgtgct tgtgctctgt gccaaaggca 60
 gcagagcact tgtctctggt ctccatatac acttgacata tttaccttca gtattctgag 120
 gaagattttg attcatttca cacggaataa cactcaccta ccatgcttaa attaccgtac 180
 atattgtgag actttattga tcataaataa gttactctca accttgagat ctgggttcaa 240
 ttttctggat tctcattctt tctcctttat atcagaagct tcataataga caatgggggc 300
 aaatatggtg tggagaaata atcagtttat atttagatat ttttaatg 348

<210> 952
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 952
 ggacctgtcc cctggggctg ggtcctcact gcttccctgg gactggctgt gtaggggttg 60
 atgtgggcag tcagaggggg tagggagaga agggtttggt gtattgcaca cacaccaaca 120
 ctactcaga catgatccat gcacacacac acacttgagc atgatgcgca catatatacc 180
 acacaaatat acaccatgtg cacacacacc acacacacat ataccatgca cacacaaaca 240
 caaagacaca tcatgtacac agacactcaa acatatgccg tgcatacaca tacacatcac 300
 acactcaaat atacaccatg ttca 324

<210> 953
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 953
 cgttgctgtc ggccgggatg ggatgtggcg cctttttccg ctgcacctcg cgcccccccc 60
 gccccgcgca gctaaattcc ggccgagggg cgagctggca ggccggctcc tcccactctg 120
 ggcagcgggg tcccgcgtcc cctccccac tatttggcag cgtctggggg tctggggcag 180
 cttcgttcat tcacccgggg gagttgggtt tccgggaagg gtcggaagct cctccctcgc 240
 ttctggagg gtaatggggg ggtgcctttg actccggggg tggaaaagcg accccacatt 300
 caaggacgcc aatggcatgt tgagctttcc caatctaaac caggtgcgtg gagggagca 360
 agtgcttact ccc 373

<210> 954
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 954
 cgttgctgtc gaaagacttg gagaagattg ctcccaaaga gaaaggcatt actgctatgt 60
 cagtaaaaga agtccttcaa agcttagttg atgatgggtat ggttgactgt gagaggatcg 120

gaacttctaa	ttattattgg	gcttttccaa	gtaaagctct	tcatgcaagg	aaacataagt	180
tggaggttct	ggaatctcag	ttgtctgagg	gaagtcaaaa	gcatgcaagc	ctacagaaaa	240
gcattgagaa	agctaaaatt	ggccgatgtg	aaacggaaga	gccaaccagg	ctagcaaaaag	300
agctttcttc	acttcgagac	caaagggaac	agctaaaggc	agaagtagaa	aaatacaaaag	360
actgtgatcc	gcaagttgg					379

<210> 955
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 955						
ggtcggcgac	gcatcgcgcg	atggcgcggg	cgggacagtg	cttgtgaaac	tgaacacaac	60
aaaagtatgg	atatgggaaa	ccaacatcct	tctattagta	ggcttcagga	aatccaaaag	120
gaagtaaaaa	gtgtagaaca	gcaagttatc	ggcttcagtg	gtctttcaga	tgacaagaat	180
tacaagaaac	tgagagaggat	tctaacaaaa	cagctttttg	aaatagactc	tgtagatact	240
gaaggaaaag	gagatattca	gcaagctagg	aagcgggcag	cacaggagac	agaacgtctt	300
ctcaaagagt	tgagacagaa	tgcaaaccac	ccacaccgga	ttgaaat		347

<210> 956
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 956						
cctgcctttt	tataaaaatat	gacaaaattgg	ccatttgtag	gacatttctt	cggtttctaa	60
caaactaaca	gaaaaattaa	tcttgactgc	aatagtaaata	tcctcttata	atttagtgcc	120
aagaaaaaga	aacttttcag	aaaacgtgaa	aaccacctct	gcttcctggg	ttcaagtgat	180
tctcctgctt	cagcctccca	agtagctggg	attacaggca	cgtgccacca	cgcccagcta	240
atttttgtat	ttttagaaga	ggacgggttt	naccatgttg	gccaggctgg	gttcgaattg	300
ctgacctcaa	gtgatccacc	cgcctcggcc	tcccaaa			337

<210> 957
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 957						
ggaaagctga	catcagttgt	ttccttactc	tatttcaagc	tttttttttt	tttaacacaa	60
ttaacggggg	ccatggaacc	ctggccaggg	cccttgagg	ccgagggtct	tcagtggaaa	120
ccgagaaaac	taaggtttgc	aggcaggcgg	gggcctttcc	gaaggcccgg	gttggttttg	180
ccaaccaaat	ggggtttcaa	agaattggg	ggggaaggaa	agaaaacata	ggccttggac	240
cccaaataca	acaaaccgcc	aaatggaaaa	aggtttgggg	gccccccaga	cccttaaaaa	300
ccaattcaaa	aggttctaac	atggaatttt	aataacaan			339

<210> 958
 <211> 206

<212> DNA
<213> Homo sapiens

<400> 958
cccaggggacc acagtttggga tatgcttggc atagttgcta aaaatgtatt gagtgataca 60
gttagcattt gtgcgcttta tctagccagg ctctctagct tttgtttttg aaacacgtat 120
gcagtggttt gtaacacaca ttgggatttt tcaaggacaa tttttaaaaa ttactgtttg 180
ttggacaggc gcggtggctc atgcct 206

<210> 959
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 959
gctgggcagg ggtaaagtaa ggtaaaatag agatcaggcc tgcagaatcc ctgcgaagac 60
aaaaccactt agtgaactca acctttcttg atttgcaaac ctaaggaaaa cttaacttga 120
gctaactctt acaaatgcct gtattacaga aaaacagagc ttaagctcaa ccaatcagag 180
gtagccaaca aactttcata attaggaacc ttcataaggag atcaatcaaa taaggcaatt 240
gtgtaattat atccaatcaa atgtttgctt tgctttacct ctgtttctgt cttataaagg 300
cctccccata gattcccttg gtggagttcc tgaaccan 338

<210> 960
<211> 343
<212> DNA
<213> Homo sapiens

<400> 960
tctccaatga aggtactttt gctaagggtgt gtgaagatac ctggtgctgg gatcaggaga 60
catgaaaaaa ctaagaaaaa aaatactgag aaaagtttct aatagctttg taagccttca 120
gaatgtaaag tacattaaga aataaaaact taaatgcagt ggggtacaaac atggcaaadc 180
tgaaagctaa acctgactaa ggctatcaac ctgccatgtg ctaaaaacaa atgtactcac 240
tcagaaaaac tgaaagaggt actacatacc tattaaaaca gctaaattta aacagtgata 300
atactaaatg ccgacaagta tgcaaagaaa ctggacttct cat 343

<210> 961
<211> 341
<212> DNA
<213> Homo sapiens

<400> 961
tgcattccgga aggtggaggt tgcagtgagc tgaaatcaca ccattgcact ccagcctggg 60
tgacagagtg agactctatc taacaaaaaa aagaaaagaa aaagaaaatt tcttttccta 120
gtttatttga aattatttta ttaaaagggg atggagaatt aattgtatca tcaaaaaaat 180
atctttttaa aaaaaaggta tcacaggagc catccatctc aaaaaagcag ggaaaaaaa 240
tatgagactt tcaatattaa aaatgaccaa atattaagat tggtttctct ctctttcttt 300
tcattaactg acgctaacca ttagaggaga ggtgactcta g 341

<210> 962
<211> 202
<212> DNA
<213> Homo sapiens

<400> 962
 ttagatgatg gatatctaga ggtgtattat atcattggct ctattttgta tgtttgaagt 60
 ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaat 120
 ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180
 gcttagcttt actactaatt ct 202

<210> 963
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 963
 cctggatgac agagcaagac tctgtctcaa aaaaaaaaaa aaattttttt ttagcccctt 60
 tgtggtgaac cttcaaacc cctaaaaaaaa agagaagatt tttttgttg ttggtttctg 120
 aaacagagcc taactttgcc gttcaggctg aaggactttg aacacttctg gtttttttta 180
 aactgttacc accaggtgtc tacaactgct gacccactg tggtttaaat tctattcaaa 240
 acagacatcg gaggtctctga ggctgatctc atgtgccccg tgagaacatt tggaatttga 300
 ggaagaggag actggccttg gtatgccttg ccatcacct 339

<210> 964
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 964
 acatggtacc taagatacta gaatacattt ataaatattt gttgaggaac taattataaa 60
 gactattcca ggtgcttttag gggttcagcca caacctatta taagtaatac ctattataag 120
 tgggtgcttg taatagatat taccatatta tctaagcact cactttaata ctattgttc 180
 tgggtccac ctgatgttat gatatgaatc tttttagcta tactctgac cagaagatca 240
 catgattagc atcaatttct aaggacagta ataaacttga tagttctgag caaatacata 300
 cactacagaa taggcattca acaaatttt attggctgcc ta 342

<210> 965
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 965
 gtgggagctg agggcagga tcaggcctgg aggggaagcag gccagaggt gggcaccaag 60
 gaggagatgg agggagcttt gtcccatttc tctctgagtc ttggcccat cttggaaacc 120
 tggccccaga ctgccattct tgaatatgtg ataattactg ctataattgg tggagcccct 180
 gcaaggggct tcatactttg cctcacttaa ctttcacaa tactagaaga gcgaggccct 240
 cttatctctg ctttcagatt aaggaaggga gatgcagggt gatgaaatca cttgtccagg 300
 ctgggggca 309

<210> 966
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 966

tttgtatttt	taatagagat	aggttttcgc	catgttggtc	aggctgggtc	cgaacccctg	60
accttgatgat	ctgcctgcct	cggcctccca	acagagcagt	cctgatgagc	cctccccgta	120
agaaactgct	gaaatggttg	ggcggctgta	tgtttttggt	ataaggaaaa	ggtaacattt	180
gtggaaggca	gtacttcaca	gtgatacatt	taatggttgc	atattcaa	ctcaa	240
attactagta	atctagagca	gggtgtttctt	atcccagaaa	gttcttaaag	ttctcagaat	300
tagttctctt	gagacaagag	ccatattttc	ctgtan			336

<210> 967
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 967						60
ttttgcagta	tgtgcatgca	ttttctattc	acaaaaatga	aattttttta	aaaagggggc	120
agtacttagc	acaatgccta	gcagtgggtg	cgggtgggtg	gatagccttt	ctgcagctct	180
gggcagatga	ttcactgcag	aaatgcagcc	cagagatata	tagaggctgg	ccatagcctc	240
cagactgtcc	tcctagcctc	tcgggtctcc	ttcttcattc	tatatgatcc	atgtttcccc	300
atcggaaga	ctttgcattt	tagagatgta	aaggggcttc	agattttcta	gtgcaactgt	339
tttaacggtg	aagaaactaa	gcccccaaaa	gatgccatt			

<210> 968
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 968						60
ggacactgga	ccaaatgtct	gatcagctca	tcacattgtc	cacatgaaat	ggaccgtctt	120
cctcagttca	aaataatcaa	atgatagatg	gagaattctg	aaagtttaga	gctacaacta	180
tttgaaataa	aactctagtt	acatatttga	accgttcaag	gtaggttggt	taaaagcagt	240
ttgttcacaa	acaggtatat	acacagtaga	gtaaatttgt	tatttttagca	aacgcttatt	300
tagctcatgc	tgattttaatg	agggttcctt	tcattgatact	taatagttat	aagaacattt	340
tttacgattt	tatagttaaa	catttctttt	gcataccttg			

<210> 969
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 969						60
cgattctcct	gcctcagcct	cccaagtagc	tgggactatt	tttgtatttt	tgtatttttc	120
taattttgta	tttttagtag	agatgggggt	tcaccatggt	ggccaggctg	ttctcaaact	180
cctgaccta	ggtgatccac	ccatctcgac	ctcccaaagt	gttgggctta	taggtgtgag	240
ccactgcacc	cgaccgcctc	catcatttta	tattaccttc	agcaacgtgt	gggggatgcc	300
ctgtttgcac	ttgcttatca	acactagata	cttgcttatt	ttattaacgc	tatatgagag	337
ggtcagggtg	accggcattt	ttaccgcct	aagatcc			

<210> 970
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 970

tgaccttttg	atcccatcat	gggactgttc	cccagcccta	ggccactgga	atgggggggaa	60
atagaaccct	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttctt	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtgggtgg	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggg	ctgccagn			338

<210> 971
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 971						
gaataaatca	acatcagagt	tttataaatc	agagtgtctt	tgtactctac	aaattagtat	60
gcttaatata	caacttgaag	tccttcagag	aaaatattaa	acagaaatgc	cttctaccca	120
gagatatgaa	tgtgcctttg	caataataaa	gaagagacta	aaaattgtat	agcaatacct	180
agtatctgac	caatacatta	tttcacaaaa	ataataaagt	atcttgcac	atacatggaa	240
gacagtgact	tattcctgaa	tctactatat	ctacagactt	tcttgtacca	aatatttact	300
ataagtacat	acaactatgg	aaaatgctat	gctatgcctt			340

<210> 972
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 972						
atttaccgat	aggtgtggga	gggcaaccaa	cattttatct	tatacccttt	tatgcttttt	60
gttggttgaa	ctatgtccag	gtgttatatc	tattaaaata	gtatgaattc	aatggccttac	120
tctaagggaag	accatgatca	ccagcatatg	agaggcagac	gaaacgctat	ccacagcaag	180
atgaacacct	acacagcagg	gagaacatgg	gaggattcaa	ggtggtaaga	aaatttaata	240
caagtctagg	cctgggtgtg	cggtcacgc	ctgtaatccc	agcactttgg	gaggctgggg	300
cgggtaggtg	acctgaggtc	aggagccaag	accagcctgg	c		341

<210> 973
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 973						
ttttcttgat	gtctcataac	ttctcctttc	tcttcccaca	ttccgaaaat	cctcctatcc	60
taaccttgct	acatgaatgg	taactgcttg	aacacttggt	attggaatga	ctgattttaa	120
aagcccagtt	ttgaggtagg	gcgcagtggc	tcacgcctat	aatcccagca	ctttgggagg	180
ccaaggcggg	cagaacacga	ggtcaggaga	tcgagaccaa	cctgggtaac	atgggtgaaac	240
cccgtctcta	ctaaaaatac	aaaaaattaa	cctggcggtg	tggcgggcgc	ctgtagtccc	300
agctacttgg	gaggctgagg	tgggagaatg	gcgtgaaccc	ag		342

<210> 974
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 974

actaagcaca	attagaaatg	tcttggttta	tatatctctt	cccatgcttt	ctgtctctac	60
aaccagaata	taagcttcag	aacaagagta	ttcaaatctg	gtgtgtttat	ccccagactc	120
acaacactgg	gtccagagca	ggtcctcagt	agatgtttat	aaatatcagg	atgtattaca	180
tatattaact	ttttatgagt	agttattatt	tattatattc	cacttagata	tggaattatt	240
acttcaggtg	gtagctgact	tgtactggaa	aagtgactga	gcccactct	aatgctaata	300
ttaattggat	ttatatgaag	tttctttggg	ttaattgcn			339

<210> 975

<211> 341

<212> DNA

<213> Homo sapiens

<400> 975

cctatcacac	ccattcataa	agatcttgcg	taggtgattt	gggtttacca	ttttgtcta	60
aacttttctt	catgtgagtt	ctggataatg	gactccgatt	tttttaaaaa	tggtaaaact	120
aattgaacat	atcagtcatt	tgtagttgga	gaaaaaattg	acttgctttc	tatatgttaa	180
gtctagacca	ttttgccctc	tttgtaaaat	gtgatttggt	tttgatatatg	tttagtaatt	240
ttatgagcta	tttataaact	actgggaatg	atcagagaac	agggttcttt	tttttttttt	300
taaaagggtt	ttggcctggc	gcacaagtct	cacaccttaa	t		341

<210> 976

<211> 310

<212> DNA

<213> Homo sapiens

<400> 976

tgcacatcat	ttctaggaag	acagttgtct	atgtatggtg	atttcactgc	tcaccattat	60
agaaatgaaa	ctaactgcag	aaggtagaca	gcctaaatgg	gagtagctct	gccaaagtgtg	120
tgagctttta	aaaaaatgta	tacaattttt	ttggcttttc	taattcatac	taatgattct	180
aaattacaaa	gagaagccat	tctgcttcag	attttggaat	tgagtctaata	gttaactaaa	240
aacctgtgac	ctgatgagga	ttttgataac	tctctacca	tatttggtta	cctggctcta	300
tttcgaataa						310

<210> 977

<211> 342

<212> DNA

<213> Homo sapiens

<400> 977

tacaacaaag	caataatgcc	aggctagtct	catgccctgt	gaactaatta	cagagggttgc	60
caacctcaat	gaaccacagt	gaacaacttt	agatccacag	agagtctcaa	cttataaaat	120
tcattaaata	gaaatagatt	cagaactttt	cacttttcag	tttggcagta	cgtgttgata	180
cagattagga	aatgtttcat	tttatggccc	tatataaaat	taagtgtttt	tttcaacttt	240
attgagggtat	cggtcacata	ctatacaatt	caccctttaa	aaatatataa	ttcagggccg	300
gggtgcagagg	ctcatgcctg	taatcccagg	actttgggag	gg		342

<210> 978

<211> 339

<212> DNA

<213> Homo sapiens

<400> 978

caaactctgg	atagtttaat	ctcttcaaag	aggaaacatg	tggttttctg	ctagggcata	60
gaaggagatc	aggggcttag	ctgtttcttt	taaagacttt	gaaccaattc	tcctactttc	120
agttttatgc	cttactattt	tcttaaagat	acctgatacc	tgcaattctt	gggcatttgc	180
atattgctgt	ttgatgcctc	ctgtccccaa	acagcactta	gctttttgtg	tttatttttt	240
agggtcaattg	cctcttactg	atgtgttttc	cagtttctaa	aacttgctgt	attatgggag	300

agagttgaga taaatgcaaa tactcagaag tattttgtg

339

<210> 979

<211> 231

<212> DNA

<213> Homo sapiens

<400> 979

tcattcagcg	tagagcatgt	ggaacacagt	ggcttcctag	ctaattgttg	ctgaatggaa	60
tagaattttg	aatacaatga	gccaaatttc	tttactatta	gaggattttg	ctgaatgggt	120
aaaatcaatg	caaaatgagg	aatcaaagtt	tttgattagg	tattacacat	gaaaccagga	180
agagggagaa	gtacctcctt	taatgtgcat	acagagaagg	taacccatga	g	231

<210> 980

<211> 341

<212> DNA

<213> Homo sapiens

<400> 980

agtatctaca	taaatcattt	ggaattcttc	taaacagact	tgtctgtcct	ctgccattta	60
tttatgtgga	attattatta	ttattattat	cattattatt	cagaggtaga	tatattcctg	120
gaaggaattat	tatttaaaaa	atcacagcat	cccaatactt	tgtttcccaa	agaaatagat	180
atgttcacat	tatgagtaaa	gactgttttt	gaacttgctc	taaaaaatat	ctggtttcta	240
caattgcagag	ctgagatttg	tgaagaatga	ggcagaatta	aagttttggg	gttgagtgcct	300
ttttaaaaaat	tgggtattta	ttttacttat	ttatttttga	g		341

<210> 981

<211> 337

<212> DNA

<213> Homo sapiens

<400> 981

ctgagaatt	ttctataaca	caaactcctt	aacttctctg	tgggtaaatg	tttctgggtg	60
ttttttctgt	tttctgtttt	ttttgttggc	atttcttctt	tagtaaaatg	aaaattgcaa	120
gtagaaaaga	aactaaaaat	ggatttagtg	tgaggacagg	ttccttttcc	tggcaggatt	180
gtagaacact	ggtattcagt	tgactgttta	caatgaatat	atcttctggg	tggtcatggc	240
cagaagagaa	aatgtcattg	gtttgtgccc	aagcaaattg	attattaaaa	tacgttgaat	300
atgaccccat	ggttgcaaac	atcccttttc	ttagtaa			337

<210> 982

<211> 339

<212> DNA

<213> Homo sapiens

<400> 982

tttgctgaa	attgcacgtc	agcttcattt	cctcaccccc	tccccaatca	ttcttaaaca	60
ccttcgaact	gaaaatttta	attctgatta	gtttatctta	acaaacaatt	tagagaagga	120
ttggtgtcca	aataaactgt	atgatgtgga	acttgcccca	aatgaagagg	aagttggcat	180
tccatagcta	gacagtagca	tttccagctg	tgggggtgcc	agagctgagc	caagcaggcc	240
tgctcagcag	agacttgga	ttcaggcttt	gtaagaactc	gtgttgga	cccgttcctt	300
gtgttgacag	cataaaccca	agagggtttt	aaagatcaa			339

<210> 983

<211> 339

<212> DNA

<213> Homo sapiens

<400> 983
 gtttcacccat gttggccagg ctggtcttga actcctgacc tcagggtgatc cacctgcctg 60
 ggccctcccaa agtgctggga ttacaggcgt aagccaccgc gccagccaa gtaaaattaa 120
 atattcttgt attcttttta tatctctgga aaagtattaa atacattctt ccagaaaaac 180
 cttcgctgaa gggcttggtt ggactagttt cccacagctt atccctaggc ctctgggtag 240
 aattggtttt ctttaatggg gggatagatc aaacatcata cggagaccaa caagggtttt 300
 tggttcttct taaaagccac tgggaatctt cagaacaag 339

<210> 984
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 984
 ctgttttgtc ctcattaacc tgtaatgctt gactttcata tttctttact gccatatgat 60
 atagcagaat agagttattg atttcaatgg tgcacaatat ttgattact aaaaaatacc 120
 attttccctt gatgaattga ctgatgtttt aaaaatccat ccaacaagta actgttgaat 180
 cctataatat acaatgcttt gtttaaggcaa atgggtgaatg caaaatagtg aacactataa 240
 tctctggaaa ccaaataaaa agacttcggg tctcagaagt atacagcaac tacatatttt 300
 accaccaacc acatgcccaa ccaatggtat atacaaatta ac 342

<210> 985
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 985
 gtctcacaat gtcaccatct acaatgcatg ccagctgtaa acaatcactt gcaattccac 60
 aaacgtacca tgcttttctc atctcccatc ttaacaataa cagttctaac atataatact 120
 gggttacagtg tgccctggtag tatgctaagc atattacgtg atgatctcat ataactgtca 180
 gagcaatcct gtttcctttt cctggaatga cctgccccac ctattaattc tctcactccc 240
 cacacacatt tagccagcaa actcctattg agctaacagc catcatccat cccaccactt 300
 attccaagca cccttttctg cctcccactg ccacccttct 340

<210> 986
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 986
 ggaaaatgga cgacacacct atctctgaaa acaacatgga agaaacaggg tctttggatt 60
 ctttttctat taacagccca ctgaatatta caggatcaaa ttcattctat gaatgtacaa 120
 ttgaaaattc actgctgaag caaacatgga cagggcgctg gacgatgaaa gatggccttc 180
 ataaaatgca aagtgaacac gtttcactct catgtcaacc tgtaaagat tatttttcac 240
 caaaccaaga cttcaaagtt acttggtcca gaatgaaaag cgggactttc tctgtcccgg 300
 cttactatct gagtcctca caaaatacaa ttatcaa 337

<210> 987
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 987
 gttcttatga accttgaagg ttgttgtaaa ccgtccaaat ttcagaaaaa taccgattat 60
 ttctgaatag aaatccaaat atagatgctt acggttagat tgagcctgga ttgccctcaa 120
 ttaagaacaa ttgagttttt ttgttgctcg ttcattttac atgtcgtatt ggtacatggt 180
 acatgtacta gtgggttttcc aaagtccatg atttttagtat cttatataag aaattaattg 240

tcagccgggc	gcagaggctc	acgcctgtaa	tcccagcact	ttgagaggcc	gagacaggcg	300
gatcacaagg	g					311

<210> 988
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 988						
aaggtagaga	atgctattca	gttagtcagt	ttaacatacg	agattgtcaa	ctcaatagct	60
cagagggggc	agaaatacac	atttgctggc	ttctggcttg	ggtggtagtt	gaagtgcattg	120
ggagaggggtg	agtttgccca	atcaggccgc	gtacagttag	aaggggaagaa	ggctaaagat	180
gcaggcctaa	ggaaaatcac	cacttaagta	ggaggaggaa	cagccaataa	gagatcaaag	240
gggaaagttt	tattttatgt	tggatttttc	cccccttaag	atgagctagg	acaggtgttg	300
gggcacatgc	ctgtaatccc	agcacttttg	gaggctgcgg	t		341

<210> 989
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 989						
actacgattc	ctacataaca	acaaacggag	ccgggtgggg	acgcaccaca	aatacactgc	60
gatgacccta	cagctgaatt	cgtgaagcct	gggatgctac	cgctatacct	tacaccatga	120
ttaaaccgcag	aacacggctg	acctgctaca	cccgcttca	tagcacactc	taggtccaaa	180
tacaggagtg	ataggttcac	actggctagc	cccagagtgc	cacccgaggg	caggcctggc	240
tgccacaaaa	gaagaggtag	atttgggggg	ctgtgtggag	ccagcatgag	gcaaggcata	300
gccaggacca	gaggcccagg	gaggccacag	ctgacttgct	gggtgctgca	gggctgttgg	360
aggctcccac						370

<210> 990
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 990						
atgtcaagct	cagttgaaca	gaaaaaagg	cctacaagac	agcgcaaagt	tggtttttgt	60
aagtcaaata	gagacaagga	atgtggacag	ttactaatat	ctgaaaacca	gaagggtggca	120
gcgcaccata	agtgcattgt	cttttcatct	gctttgggat	catcacactc	tgataatgaa	180
agtccttggtg	gattttctat	tgaagatgtc	caaaaggaaa	ttaaaagagg	cacgaagctg	240
atgtgttctt	tgtgccattg	tcctggagca	acaattgggt	gtgatgtgaa	aacatgtcac	300
aggacatacc	actaccactg	tgcattgcat	gataaag			337

<210> 991
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 991						
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aactgaacac	aacaaaagta	tggatatggg	aaaccaacat	ccttctatta	gtaggcttca	120
ggaaatccaa	aaggaagtaa	aaagtgtaga	acagcaagtt	atcggttca	gtggctctgc	180

agatgacaag	aattacaaga	aactggagag	gattctaaca	aaacagcttt	ttgaaataga	240
ctctgtagat	actgaaggaa	aaggagatat	tcagcaagct	aggaagcggg	cagcacagga	300
gacagaacgt	cttctcaaag	agttggagca	gaatgcaaac	can		343

<210> 992

<211> 332

<212> DNA

<213> Homo sapiens

<400> 992

aaacattcat	caatttggcc	cagacaaaag	tattcttgc	tgcttttagga	tttactcaac	60
ttgttcta	tttaaccttc	tggttgc	taaaatggta	atggattgt	tggttgtga	120
aggaattgaa	tgtgattgtg	gtgttacatc	ttttcttata	ttaaaatctt	taattctaaa	180
atcagtatgt	cacatacatt	accacattaa	cacatcaaga	ctggaaactg	atgattggaa	240
cagagacaaa	tgtgttgggtg	agttgtgggtg	agctgtcaag	ggacttatgg	actatagctg	300
tcctatagtc	tataacgagc	cagctgaaga	tg			332

<210> 993

<211> 332

<212> DNA

<213> Homo sapiens

<400> 993

ttaa	taaatgggat	acacgtcttc	ttaagtaatt	caaagtctag	taggggaagc	agaaaggtaa	60
caaa	caaacaatta	agatacaaaa	gtaaaacaaa	agccctctgt	agagtgtctc	aacatctttt	120
attc	attccttatt	atctcccaaa	attccaattt	gctgccccta	tatgcccttt	aaaaaaaccc	180
aggc	aggccgggca	caacggctca	cacctgtaat	cccagcactt	tgggaggctg	aggcaggagg	240
atcact	atcacttgag	gccaagagtt	ggagaccagc	ctggctaaca	cggtgaaact	tcgtctctac	300
taaaa	taaaaatata	aaaattagct	gggcgtgggtg	gt			332

<210> 994

<211> 327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(327)

<223> n = A,T,C or G

<400> 994

gtagacagtc	caaagcagca	tcagacacat	catgagtgc	caaactgtac	atctgcttcc	60
ctgggtgattt	ttctttcaat	ggccaaagga	tagaggcagc	ggcaattcca	ggtgtgctgt	120
gagccaactg	tgtgagcctg	ggcgccctact	taacctccct	gagtcctctt	ctataagtga	180
gcatttcta	agtacctagt	tcacaagttg	tcctgaagct	taaacaaaat	agcaaaatga	240
tgcttttttaa	aatgacaata	caatcaagag	gacagaacag	gtaaagactt	tgtttattca	300
caaattgctg	gtattgattg	aattggn				327

<210> 995

<211> 335

<212> DNA

<213> Homo sapiens

<400> 995

tgctgatgcg	gtggtactac	agaaagagac	gcctgactta	catattccac	tcgtaactgc	60
atctgtaaga	actcaaata	cctttgacat	taatttacga	ccaactgcat	gccctacata	120
attgagacac	ttgggatcgg	gtggaaaaag	acaccaaatt	gtctcatatt	atgaatgaac	180

actgaagggg	gagtttgggg	aaaaccgaat	ataagcaact	cattcaagga	gacaaattca	240
gatgatagtt	tcgagaatat	aatggagag	atgtgattca	caataatatt	ggggatgcta	300
tcttagatgg	cccgtttaag	aaaaacctct	caaaa			335

<210> 996
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 996						60
ctatcttaga	acaagttaaa	tagtatatgt	acttgtaata	acttgtagact	agatatgtta	120
gttttgtcta	ttaatttttc	tggtaaaaag	aatatgcatt	gaaatgagat	ggaaaaacaaa	180
atgaaaagtg	tttaaaaaat	taaatatatt	agaaggatca	atatacctaag	ggttgtgggt	240
aattttttcc	tacttttctaa	aacttcagat	tccttttctact	cacttaaggt	tgtactacca	300
ttaatgcaat	gtttttctggg	agtgcgagat	ttgctaata	attaataaca	gctagaagcc	332
tcactatttg	cactttttata	acattctttg	ct			

<210> 997
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 997						60
gggactcttg	ctaaaggcaa	gccaggggact	tagacttata	aagcatcacc	ttatcaaagg	120
tggaggatga	tcaacttgat	atcaagggtg	accagatttc	aggggaagagg	gattctcact	180
aaactgactc	ccagaggtct	cttttagcaa	ggcactcatg	ccaggcgag	tggtctcatgc	240
ctgtaatccc	aacacttttg	gaggctaagg	caggtggatc	gtctgaggtc	tgtagttcga	300
gaccggcctg	gacaacatag	tgaaaccag	tctctactaa	aaaaaaaaaa	aaattggccg	334
tcacaatggc	tcaggcctat	aatcccagca	cttt			

<210> 998
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 998						60
atactacttt	ttgtgcgtgt	gtgtatgtga	gacagagtct	cagtctgtct	cccaggtctg	120
agtatagtgg	cacgatctcg	gctcactgca	acctctgcct	tctgggttca	agcaattctc	180
ctgcctcagc	ctcccggtga	gctgggactg	caggtgtgtg	cctccatgcc	cagctaaatt	240
ttttttgaag	atttagagaa	cacctgttt	caccttgggtg	aggaggctga	gttttaacta	300
ttacacccca	ttcgactga	gtgggtttcc	ctcctttaat	cccgcggttt	ggtgctatct	327
tttattcgag	attttttatt	acacacc				

<210> 999
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 999						60
cttctcttat	atttcaactg	agactatact	gtaagaaaca	aaaatgatct	gaaccatatt	120
tgccatgtaa	cattaacaat	gtgagaaaa	tattttttta	aactgttgct	aattaagaca	180
taacttatat	ttttctcatt	ggaatttccc	aacatggctg	tcctgggttag	gacagccaaa	240
ccaagccaaa	gagcagctcc	ctatgtcttg	gcatgcagtc	atctgacttc	aatagactct	300
tcacctcgac	atgtcatgta	ctctaagaat	gtaaaagttt	ttagtgtctc	agcaatgcta	331
aggccaaatc	cagcacaact	agcatcacag	t			

<210> 1000

<211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1000
 cgtccttaaa gcttaaggcg ctccctcccc agcagcctgg cttgagggag aggcctgcct 60
 ctgttggtgct cgctgtgggtg ggtggtaggc accctaggtc ctttaagggac atacgctcca 120
 gcccttaacc tttcctcagc ctctgagttc ttccggccct gtccctgtctc tgtggcacc 180
 gtccctgctaa taatgccttc tccattctgc ccagaacaag acaccatgcc ggggtgcggtg 240
 gctcacacct gtaatcccag cactttgggg ggccaaggca ggctggatca cctgaggtca 300
 agagttctag accagcctgg ccaacgtggt gaaa 334

<210> 1001
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1001
 acgcacacac acacacgcaa acactctctc tctaacaat gtctctgctc tatacagctg 60
 gactgactcc gctctacata gctggactga ctctgctcta catagctgga ctgacattat 120
 ctgctaatac acattcacct tttctgtttt tatactcatc agctcttcac acctatagaa 180
 gatgcagtgat gatgataaaa atgaccatta aaatatcaca gacaatatta caaattatat 240
 cacaaagtta ttttcttaat aaataaagac aaattaataa gaccaatggc tcattagaaa 300
 aatgaacaca ggaaatgaac aagcaattg 329

<210> 1002
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (329)
 <223> n = A,T,C or G

<400> 1002
 tgcctgggagcg ctgttcaagg taaagagtgg ttagtaaaat gatctccttt aagttgctaa 60
 gagtaagatg ccaagtaaca gaaaaatgaa actctcatgc tagcaagtgt gtatgtgtgt 120
 tggcgtgtgt gtgtgtgtgt gtgtgagtgt gnnncantan aacctgtagt gaactttttt 180
 attaacagga attgccgctc atggtatgtt ctctccttca ccgtgaggag ttccacgata 240
 ttccattctc tgcgatccgg tgggaattcta ctaaaaaaat gggtcttctc ccctggggggg 300
 gaattttttt tgtgaaacaa tctcccccg 329

<210> 1003
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1003
 ctcaacacac ccagggtttt ttgttctctc tttctctctg gcctcaattc catgccttac 60
 tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaagcact 120
 tgagggaggg cttctcccac agtactggtg gctgtgtaat agatgttctc aattaccaag 180
 tgcttaaaact gagccctatg tacttaggca gcctgtttag agttcttacc cacttgccaa 240
 tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacccaaa 300
 ttatggatat gccactgaaa atgtatggta gagta 335

<210> 1004

```

<211> 326
<212> DNA
<213> Homo sapiens

```

```

<400> 1004
aacttttaaac aaacaaaaac ccactaatgt accaatttgt gattctgggc aaagtttttg      60
aaaagtaagt tatgaaacac cttttacctc attgtattcc ttttaataat caagcaaata      120
agtaaagtga taatgaaaaa ataatgatat gtacttaatt ttatcctttt gtatcctttt      180
tttttttttt aaaaaaaggg tctaattttg ccccccggtt gggggggcag ggccttgggg      240
ttaacaaaac cttgaacttc taaaaaaagg gaaccttcca ttttaaccct ctgaagaggg      300
gggactttta aacccccccc ccccccc                                     326

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```

<210> 1005
<211> 334
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

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```

<400> 1005
gcagtggcat gatcttggtt cactgcaacc tccacctccc tagttcaagt gtcctcagc      60
ctccagagta gctgggacta caagcaaatg ccaccatgcc cagctaattt ttgtattttt      120
tatagagaca gggttttgcc atgctaccca ggctgggtctc agattcctgg gctcaagtga      180
actgtccacc tcagcctccc aaagtagact attcctatat tttcctttca ttggggagta      240
aaacaaaaat tgtttcatat gaatacattt tcacaggagg aagaaacaaa tttcattctt      300
aactgaaact tacaatggcc agaaattaag ccan                                     334

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```

<210> 1006
<211> 329
<212> DNA
<213> Homo sapiens

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<400> 1006
ttgatctgca gtgggacctg gaattttata cattgagcat agtgccaggc aatgcttatg      60
atcagatgat actaattaac ccctggcatc atatgatctt cactgtgatt ggagttagaa      120
gatttagctt catatcctgc cttctcctat caacacacac acatacacat atacacacac      180
acgtgcacag gcatgccaaa ttggctgtta cttatctcac ttgtattatt tatatctttt      240
tactcataaa aagacttttg gctgggtgtg gtggctcatg cctgtaatcc cagcactttg      300
ggaggctgaa gcgggtggat catgaagtc                                     329

```

```

<210> 1007
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1007
tcttcagcag tttatataca acaaatgccc cccggttacc tcttttcttg gagagcctct      60
tgtttcaatt gaaagttctc atttacagca atctcatgag caagagtcaa gtttgataag      120
ttccttgctg tagccatcac ttcatcaaat gttacaaccc ttggagggct tggtgctgaa      180

```

agaaaaacaa	aagccagtta	atgttgcaga	agaaaagttg	tcaccaacg	aagcctcctg	240
atgcagataa	ggtttaattt	atcagaatgt	atatacttca	gagntttata	ggtcaggaga	300

<210> 1008
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1008						60
agtaattaca	ttagcaggtt	tagttgtcat	gaatgagttt	gggaacaatc	actgatgact	120
cttggttaagc	ccctctgtgg	gaaagaagta	tctccctggg	tatccaactt	gcagggagtg	180
ttcaggatct	catgttctgt	agaggtcata	aagagggcca	gctaactctg	gctgtcatgt	240
agacacagct	cagtggagag	ttttctggca	aaaggaggag	caaaggccct	ggggcagaga	300
aaatcttgga	gagtacggaa	aggccatgag	actgaagtgt	aataaatgag	gcatgaggag	331
tgtgtgcgaa	gacaggacgc	aaagagagat	g			

<210> 1009
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1009						60
gttttttctt	atattgtaggt	ttaagtgtct	gttttccagg	caccctcttc	cctaaccctg	120
tacaagaatc	atgtctcgtg	tgatcttata	tccccagtag	tgagtgttcg	tatggctggg	180
acttaataaa	gtttaaatga	actcatgaat	aaatgtgttg	cacaaccaat	gagtgaagtga	240
gtgaacaagt	gagtcaataa	gcaagaattt	agggacatgg	gaaccaccac	ttataagctt	300
gaggtgttg	tgcaaatgtg	gaccttcata	taagccattt	ccttctatat	agaatgctct	330
ttcttttctt	tacccttaac	ctcttaccag				

<210> 1010
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1010						60
ggtagaggcc	agtgataggc	taaatatact	acaaggcaca	ggetgctttc	cacctcctaa	120
tctctctctc	tctctctctc	tctctctcac	acacacacac	acacacacac	acacacacac	180
acacacgcac	gcacatccca	aagaaacaaa	gagagatccc	atcccaaatg	acaaaagggtg	240
tgagaataaa	aatcctactg	caaccctgta	tgacaaactg	ctaagggttg	tgtgcaatta	300
aaatataccc	taagtgtcac	agagtatact	caatcaaagt	ggaatatttt	atttatatca	335
cccgcgtgtg	agagaatatt	cgcacagaac	tttat			

<210> 1011
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 1011						60
cttatcaact	tagtcaatgg	caataatcat	aaagtaaaca	ttaaggaaaa	tatttttaatt	120
acaatactac	caatattata	tacaccaaat	ttccttagca	acagtgggtta	cagaagtaaa	180
caatcacgag	caaaaagcaa	atttacggct	attgaaatca	ttaacaaggg	ccgagcacgg	240
tagctcatgc	ctgtaatccc	agcactttgg	gaggctgagg	caggcagatc	acgagggtcaa	249
gagatcaag						

<210> 1012
 <211> 281
 <212> DNA

<213> Homo sapiens

<400> 1012
ggcggagtca cccacagtgg ggcagcccct gcacaggctt tgctggagtc tccactgcac 60
tggcctaggt ccaagcagtc atagcactgc ccccagctgc ccttctaagc cctgtagcct 120
agtggattag aacctggcct ccctctggag aaaggccag gacccgattc agcggcatca 180
ttccctagtg cttcgaccct gacctctctg agatgggggc tatgcctcgg ggatgagtgc 240
tccctgcact ggggggctgt gaccaccagc ctgtggccca g 281

<210> 1013

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1013
cttctataat gcttctttta tatttcctta cagttaatgt ccattttctt tctccctctc 60
tacatgcaca cacaacacac cccactcaca cccacaccca tgcataaata cacacacaca 120
cacgcacaca cacacacaca ccatccagcc tgtagatatt tatgcttcat tttcagtaaa 180
catgcagaag cacttttgac agacattttc ctttaaattt aaattccaaa gaactctgta 240
gaaagcagtg aatggtaact gaaaagctga gtgaaatggt ttatattgct aaaacttttg 300
acattgatta cataatgtca gagaatcctt 330

<210> 1014

<211> 327

<212> DNA

<213> Homo sapiens

<400> 1014
gtgtgtgtgc gtgtgtgtca catgtgctg cacaacacata tactatgttt gttgtatttt 60
tttctgggta actgagacta aacttgaaat ttaaagctgg ccttccatga aaattattta 120
atgatgcaat gcaaagacaa attgctttct acatcaattt tctatgcaag tacctataaa 180
tggttagataa cttaaattatc ccagagtctt ttcaggaaat atcagccttt tattcaagta 240
tatgattttc tataaagtat tgctattata atcttttaat gctagggtgaa tccacatcaa 300
gcattcaata tttgttggtat gatacaa 327

<210> 1015

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1015
cgacagaagg gtatctttat taacaattga cttgaattta aaaaaaattt tagtattttt 60
atttttaatt ttaatgaagg aaaaagtaaa catgtaaatg cttgctttat ttttcaattt 120
tataaaagca gttaattaca gagaagtgtc gacatttcta cttttcatag gaaacttgga 180
gagaagtcaa aggtgtaaaa aggacaaatt ttagaaaatg agattcatga ggaaagactg 240
attaagttca ctttagttta tgaaatgtgg aattatgaaa aattaaatat tac 293

<210> 1016

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1016
gttcctaaag tactagaggg agacacaagc caagaacctg gcacatatct cacatcccc 60
agagatttaa ttcactagtt aaggctacac tcctatggac cccaccctcc tatgcatcaa 120
gggctggaat cactcactga aaaaaagctt tggtggctgg acacgggtggc ccatgcctgt 180
aatcccagca ctttaggatg ccaaggcggg ttgaggccag gagttcaaga acagcctagc 240

caacgtggtg	aaaccccatc	tctattaaaa	atacaaaaat	tagccacaca	tgggtggcatg	300
catctgtggt	cctaactact	toggagggc				328

<210> 1017

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1017

tacggcgcgga	gaagaccaca	gaaggggtggg	catatcttact	catcatattc	aaagtccctgg	60
ggattcaggt	ggaaaattaa	ggccattttt	aaaattctgc	ttaccacatc	tctggatgtg	120
tattttttcac	tgcgcgttgc	agtcaaaaag	cttaaagagc	atctagccac	tggactagaa	180
aactttaagg	acacttccag	tcctaaaatt	ctaaaaatct	aacatgtaaa	gctatctttt	240
taattggaaa	ggaaaaacaa	ttatgcaaat	ttcaaagtta	gttaaatcaa	aaaggggtgct	300
gaagatcttc	ttttcctagg	ttaaaataaa	aaggacatgt	tttaacaaaa	gtgtcattt	359

<210> 1018

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1018

ggatggggtt	tttttaaagg	gtttctcaat	ccatttgtca	tctaaagatg	caacaagaga	60
aagatatttt	cttcaatgaa	aagttatctt	catcttttaa	tcttttaacg	ctaacattaa	120
cacacaagac	cctcattaaa	tgctcatctc	cacatgcaag	gtacttgaaa	aatcattttg	180
agaattagcc	atatcagagt	tgactgagag	atataaaaaa	caagaaatac	aaaagacaca	240
acatgaaaaa	caaaacagaa	cacatcaaca	tatttgtaca	agacatgcct	caaatgaaag	300
gtagcaaaaac	aattctacaa	agacacaaa				329

<210> 1019

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1019

ggaccttttg	atcccatcat	gggactgttc	cccagcccta	ggccactgga	atgggggggaa	60
agagaaccct	cctttccctg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgtgtgcatac	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tgggtggtggt	gaccagggggc	300
aacaggccac	tgtgctcctg	gatgctgtg				328

<210> 1020

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1020

tgtctcaaaa	aaaaaaattt	gtacatacag	ggggttactg	tcacataggg	ctgggattta	60
ggcatgagtc	acctgcctga	ccagcaagtt	cttaaattct	gcagcaagtt	cttaaaacaa	120
tggctgtagc	ataaataacc	cttcataaaa	acgctaatac	cgatgctggg	acgggtggctc	180
acgcctgtaa	tcaccagcact	ttgggaggcc	gaggtgggca	gatcatgaga	tcaggagatc	240
gagaccatcc	tggctaacac	ggtgaaaccc	cgactctact	aaaaatacaa	aaaaattagc	300
cgggcatggg	ggggggcgcc	tggatatcccc				330

<210> 1021

<211> 336

<212> DNA
<213> Homo sapiens

<400> 1021
aggtttgtga gagccactct gagctaggac ctcagctgag agaggctgga gcaacaccat 60
ggcaattttc ggattcactg cctaaactga tgtcagtgagg cagatgagcc ttccacccaa 120
taagctaacg tgcgagggtc cttccaaacc ctttggcaga tgggttttta ttataggctc 180
aaagaaaaat ggggctataa ccaagttcct tgggggacag gactgtttcc atgcttgagc 240
ttggaagcaa gattgatggg acaaaacacg tacgttggtg ttggtccaca ccatcaaaac 300
aaacctccta ggtcttgagc tccattgagg tttcac 336

<210> 1022
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 1022
aacaaaggct tatggatttt ggtgcccctc gcgatttttg cagcttttct gctgatttgg 60
agcgtaaaat gttgcagagc ccagctagaa gccaggagga gcagacaccc tgctgatgga 120
gcccacaacg aaagatgttg tgtcccctct ggtgagcgct gtcccagtcg acccgataat 180
ggcgaagaaa atgtgcctct ttcaggaaaa gtataggaaa tgagagaaga ctgtgacaac 240
tcagacctg catccttaat atccagtgac ttcattctcc ctttcttccc acaattccag 300
gcaatggcct gtcggaccag acaattctac cn 332

<210> 1023
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 1023
gttagccagg tgggcatgtg cataggggtg gaacccacag acaccccagc ccaggagcca 60
ttcctgatgt gggagatagt gtgtggtatc tccagtgagc cccctgaggc tcaactcatc 120
aaagggcctc agtctcgaac gacaggcacg gtcaagacaa ggcaatggca cctgtcctaa 180
aattccttac acacctctag gaaatatatc cacagataat agcttcgcct tgtagtgcac 240
gaggtccttg aatgattcct caccctcttt tgggtccagnt atctttctcc ttctatgtag 300
catttcaaac actccactca cagtagtag 329

<210> 1024
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1024
taatgtgtgt gccagaattt catgacctca aggatctgaa ttttcaagtc actgcaaaaa 60
ggacgtgttt ttgggaattt tactaattcc cttaggcaga tactttgggg tgagggggag 120
gatgttcac ctgtctacca tctcccttct ctgaaaactg tacagctgcc ctgtaactgg 180
gtgggccccta gcaccagcca caactatact caatactttc acttattcca aactactata 240

aacatccacc tcccttagaa agaagtacta aaaataaagg caatcctact cttctgttat 300
taataaaata aaaattaaac actttggg 328

<210> 1025
<211> 337
<212> DNA
<213> Homo sapiens

<400> 1025
cggggttcta gcagtattcg catgtcatgg aggggaaggg actaccccca gaaataatac 60
aactgcttac ccaactccatg aagtgaaaga tttgaaagac atttctctgt tccaaaggcc 120
tgtgggcaga attaatagta attgccagaa aagccaggtt caaacacagac gctacacttg 180
catttattga atgagcttat tggatatctt gggtgcaagc aggaagcaac ctgctgacct 240
gagctccctg tggccctggg cctctccact ctgaaaacat ccaggcagat cttacaactc 300
ctccagtcac acccagatac caactctagg ccagacg 337

<210> 1026
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 1026
gaaaggtctt tggacgtaaa cagtagaaaa ctacttgcac atttgaagaa aaagggactt 60
catttgaagg ctgttgggga actggcaaaa ataaggctct cctgaagaac aaggcttgca 120
gcagacagga gtcaggcagt ttcagaggac cttgacaagt gcagcgtata ggtaggtgc 180
aggagtcaac ctgggttcac gtctttgact ctactacatg gggcaggcta tttaacagct 240
ttctgcctca gttttctgat ctgtaaaatg gtgatgatat tactcatctc agtattactg 300
tgaagtttaa atgagctggg atataaaaag n 331

<210> 1027
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1027
ctgggtgaca aagtcgcaag gttgtgtctc ttacctgcc acaggtgcac gtcgtcagcc 60
ccaccgcctc actgcagccc ccaagggttac cgccagccgc cgaggggtgg gaacggcagg 120
gtgatgatat caacagccaa gaacccccctg ggcttgtcca ctgctcaggc cgtcccagcc 180
cccggggaag caggtccacc actaggccca ttcgacagat agcagcaciaa tcaccgtcac 240
cacgactgga gaatgacatg tcccagcacc tagtgccagg ccctcttcca agggcttgca 300
tttgettatc catttaacct ccagcag 327

<210> 1028
<211> 306
<212> DNA
<213> Homo sapiens

<400> 1028
ttctgagggc cactactgtt cagtgttgag cctcactgc cttcaagcac tggcatctgc 60
ccctctttgg ctctgtttgg tctccttggc ttcacctga gcctcattct tggccatggc 120
caagctttcc tgggtctggct cccatccagc acccagtgcc ccctgcccac tatcgctga 180
tgctcaagca taaccagtc acctttgggt gaatgacct ctgagggtta gtacaacgct 240

agtttgaatt atttttcctt tcccctaatt tctttgagca gactaagtta gaaaaatatac 300
catatg 306

<210> 1029
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1029
gatataaaca acattacttt ctcaaaaact ctaattcaat atataaatag tataccttca 60
cattcatgaa tcctactgtg ttcaaagatt actagttttc tagttattcc tttattcata 120
tttatgtaga atatttcaga ataagcaata cttaatttta aagaatatgt ttcacaaggt 180
attttttgat gggtttaaact ttgtttatca acagaagata cctgctcaga agaaattgtg 240
ggttttcaac ctccagcgcta ctgaaatgcg tggtggattg cttttgttgg aaaaggctgt 300
cctttggatc acaggatggg tatcaaaatc g 331

<210> 1030
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1030
gggttcaggg ccgggtccct ggctgagctg accccacagg tttcagcggg tgggcccacc 60
tgacggaggt cgaccccgac gaggaggtgc agggcgagat ccacctgcgg ctggaagtgt 120
ggccaggggc ccgggcctgc cggctacgct gctctgtgct ggaggccagg tgagactcag 180
ggggcctgggg gcgggcagtg ggtccctgc aactagagaa acccaatgag gaagctgagc 240
ccccctcgc ccacactcta cctcctggtc ccagagctgg ccacctcca tcaaagcctg 300
ctctcaagag aggggtctcgc caggcacggc gt 332

<210> 1031
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1031
aacggctgcc ataatacgac agaacggacc taagccttac aagaagagat gctgtccttg 60
tcttgctgga ggaccttgct ttacttagat gtcttattat taacgttacc tattattgat 120
ggaaatacac taatttgtat gggcctagat ggtaacatgg catttctaatt attggcttcc 180
tttcttgagg gcttgattag cttggggacc gaatcactac cgtctagctt actaacttag 240
ccaatcttgg cagaacatgt tcaccttaca cactgcacct atacgctctt gaaggcgtcg 300
caatgaacac cctcctaaat tctccatag aactataccc taacaagtct 350

<210> 1032
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1032
tgtgcctgta atcccagcta ctcaggaggg tgagacagaa ataaattgta tcagaacagt 60
gtaaacatgt agacagatac tgacaggaat aagggtttgt gataactttt tggttacctg 120
aagcatttat gaatacaggt aagtctgtgg ctatgttata gaattattgag gtctccattg 180
gtttgacttc caaattagcg ctttattaaa ctccgggtgca gtgtttgtac acctacttgg 240
gctgtatctt ttctactatg aaacatattt taactgtgaa atgaatattt taaagaatca 300
ccttggggcc aggcattggg g 321

<210> 1033
<211> 326

<212> DNA
 <213> Homo sapiens

<400> 1033
 aaggggtaag gtagtggttat atgcaaacgc attaagacgg gaaataacac aaaagaaaaa 60
 aatgagtcac tctaggtgga atgtacctta caaagaattg ggtaagatat aaacacgggt 120
 tatctcattg gacaatgaca catcatgggc aatgttaata atctgaggct ttaataaaaa 180
 tagaggataa ttggagaggt ttagacagaa gagtaaaata atcactatgt tttttataa 240
 gtacctaatt gtcagtgtaa gtatatctt ggccggggcg ggtggctcac gcctgtaatc 300
 tcggcacttt gggagaccga ggcagg 326

<210> 1034
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1034
 tgagactttc ctagccatgc aggactgtga gtccattaaa cctctttact tataaattag 60
 ccagtctcgg gtctctcttc atagcagtgt gagaacagac taatgcaggg gggctattat 120
 gttgccaatc acaggatat aataaaaagt taagaattat aatttctaag tggtaggatt 180
 tcccttaatc cttttatcta tttttcaga agttttccca ggaatacaca tactgctttt 240
 gaaatgagaa gaatgaaatc tcatttatag tctatataga cgtctttgca atgttcatta 300
 atccaccttt caggacagcc ctgg 324

<210> 1035
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 1035
 cagggaaaca gggcttgaaa gaaagaagga tgggggaaaa gaaaagagcc cagcatcaaa 60
 gagaagctgg ttttgccctgg agtggccaag tctacctgac acaggcacia tctctgatct 120
 catccacatg gccaggagct ggaagtacta aaattagaat ccaaagtgtt ctaggctggg 180
 cacgggtggct 190

<210> 1036
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1036
 attggttatcc gaaatagaga aataactcct gttaatcaag aaaaagacag aaacttcaat 60
 gggaaaaaaa ggaccaatga aagagacaaa ctaccataga tcagatttct tcccatagct 120
 aaacagtata caaagaaact tcatatttat aattatacaa atgcaaatca aggcagtgg 180
 tcattactct tatcagaaag actctaattt aaaaggataa acacaacaat tattagaaaa 240
 tgtgcatagt gttaactttc actcacttgt agtgaaaagt agtctggaaa tattttatac 300
 atcatagaga aattccgaga atcata 326

<210> 1037
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 1037
gagctagaaa tctaggcaat gtggatttca gatgagtttc ataacactat ctgacacagc 60
gggaagttca aggaagtatc tggcaatatt atttttctta tggagccttt ccataagaaa 120
gaaattcagt tataacaagg tcacatttgg gtaggtgaca taatggtgaa atgacatttt 180
ctgccataaa caaaacctat atattgtacc tgagtggccn cnnnccnnaa naattttttt 240
tggaaaaaaa atccccctt gtggcccaag ttttaacccc aaatttccta ttccgcccac 300
ctaagcttct taaattccag gaaaaa 326

<210> 1038
<211> 191
<212> DNA
<213> Homo sapiens

<400> 1038
aatgatactg tgataaaagg catccaccag catgaacttc atatgtgact ttgctgttag 60
atctcaggaa gatgtaaaaa ggcagtttaa gatcttttat cccaacttcc tggataataa 120
aaagatagta agtttaggac tttataaaag aaataaaatc aagaaagaaa tggggcatga 180
aaaagaataa a 191

<210> 1039
<211> 325
<212> DNA
<213> Homo sapiens

<400> 1039
gagttttcat ttgtggtgag attctctccc aggccacaag acatttctctg ctcggaacct 60
tggtttactaa ttgtaagtac tttaacaagta agaacttggt ttaaaaactt agcattcaaa 120
aaaaaagctt tctttaaaag ttatttgatt ttcttgcttt ttttcttagc atgctatatt 180
tcgagtttca gctaaatgac aaaggacggc ttatttatatt gctttctttg gatgcattca 240
gtcgaaatca ttaaatctt gcttaatat catccagacc ccaggctggt ttttgaaagg 300
gggggggggg gccaaagtgt ttttg 325

<210> 1040
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1040
acctatcctc attgtggtcc ccaaagctct tcctggggcc tttctttctc tttgacaaag 60
caaagctaag ggagctggga aaggtgccaa gagtgagaag tgagagaagt gatccagaag 120
tgagagctcc cagcctcgct gttgactggc ctgggacctt cagccctgcc tcttacattc 180
tcttgccctt ccaaattat taataacaca tgagtctgaa atacagttag ctccacagag 240
gaaagacctg tattctctgg actattcaga atgttctagg gacagtgtga taggaggctg 300
agtccacact ctggagctg 319

<210> 1041
<211> 299
<212> DNA
<213> Homo sapiens

<400> 1041
gcatgaagaa agattggatg caagacaggt ctctgttgct gagatggcaa ggatccagtg 60
tgaagacctg atagtagccc taacagctga aaacagtccc tgattaacag cttagcaagac 120
aatggagacc tcaatcatat agcaacaagg aaatatcttc agccaacaac cagaagggtg 180
tcaaagcaaa tctctccctc cttaagcctc caggtaagaa tgcagcctgc caacattttg 240
ataccaactt tatgagatcc taagcacgga gtctagccat gttgtgccag tcttctgac 299

<210> 1042

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1042

taagcaaatt	aacatattca	gattcccagg	atatatthttc	tacataaaaa	tgaaggatgt	60
atgctattgt	atcctaatac	ggctaagtat	ctcatgtaca	gtcattttga	ttttacgtat	120
atgtttggat	ataggatgtc	tctggaatga	tatgaacaac	tgacaacaat	ggtagcatct	180
ggcaaaggaa	actacatagt	acaacaatgg	gagtaagatt	tccttttcaa	caccatacat	240
gtttgttctt	actgaacgct	attcgatgtg	aaaggcagta	tattataacg	gtcaataaaa	300
tcaagctctc	caggttcaca					320

<210> 1043

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1043

gacaatttta	tcccttagaa	cccagaacag	ctgggagcag	ataaaatctt	cttgggttat	60
gagttcccag	atgatgctgc	tggcctgcgg	actgtacttt	gtgaacttat	gctggagcag	120
atggatcaga	aacccccggc	agaggatgct	caggacccat	caagcccccg	cgaggaagga	180
ctcagacccc	caacccccacc	aaattaaagc	aggcaatgga	gaattatact	gaagggattc	240
ctcggctggg	caaaaacatg	attagatctg	cattctaaag	actgctcgca	gagtaaagga	300
cgattggag	cagggagtt					319

<210> 1044

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1044

racgtttgtg	agaagacaac	agaaggggag	tctcttgccc	gtccacccca	agtctgactt	60
tctctcaggag	ggactcatga	acacgtgccc	tgagcacccc	caaaatgaca	tcacacaagg	120
gcagaaagga	gctgaagggg	gaacgtgaaa	ggcagaaaag	gagccgtggg	tgccaggcaa	180
tcagccctag	cccacctttg	tttgtttggg	gacagcaact	aaggctctgg	cagggccggg	240
tggccacgct	catgcctttt	tctctcaaca	gttgcttctt	tgaagtaggg	agcaggctat	300
ggtcacctgg	cgggcctctt	cagctaagac	cttcacaaaag	tggggagcct	tga	353

<210> 1045

<211> 326

<212> DNA

<213> Homo sapiens

<400> 1045

cgtggcaatc	tctggtttta	aactggcacc	tggtctagtc	aggtttggtt	ttagattgat	60
tactctggta	gctgaatgaa	ctatgatttt	ggggaggata	agactggaaa	gagggacact	120
aattttctgg	aaccttctaa	aggataacca	ggataattga	ggtggagata	caaaatagg	180
gacaaattcg	agaagtatat	atgaagtaaa	ataggtagga	tttgggtgact	gatagtggt	240
gtgaggcatg	aagagaggga	tgaggctggc	aaataactaa	ttgttatgat	ggatgaatga	300
gaggattccc	atactgtttg	agatag				326

<210> 1046

<211> 272

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1046
 ggccgagaga agcagtagtc aataaagaga gtgccgtatt tcgcagattg gagctgagct 60
 gtggctgccga gaagatagcg aacgaatgga aactgaaagt ggaaatcagg aaaaggtaat 120
 ggaagaagaa agcactgaaa agaaaaaaga agttgaaaaa aagaaacggt cacgagttaa 180
 acaggtgctt gcagatattg ctaagcaagt ggacttctgg tttggggatg caaatcttca 240
 caaggataga tttcttcgag aacagataga an 272

<210> 1047
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1047
 gtagggggag ttttcttatg tggccctcgg actttggcaa agagcctgcg caaatgctgt 60
 caccgatatt ccagtcctgga tcctagaaaag gttcaattct acttcaacaa agaaaatttt 120
 gagttatag gaataaggac ggtaatctgc attttgctc tttgtatctt cagtaattta 180
 ottggctctg tcagggttga gcagtcactt taggataaga atgtgcctct caagccttga 240
 ctccctggta ttctttttt gattgcattc aacttcgtta cttgagcttc agcaacttaa 300
 gaacttctga agttcttaaa ggt 323

<210> 1048
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1048
 gagcccccta ttacacctga cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc 60
 atcgcaatgg ttgcatttgc agtggccttt tcagttgccca gcgtctattc cctcaaatac 120
 gattattcac ttgatggctg tcacgagtc aatagccttg tactgggtaa catattctgt 180
 gtagtattca taggatccgc tgggagtact gtccctcttca gatcagccgt tcaggagagt 240
 acaggagtgt taacactagt tgctgtgctt tattggtgtc atcacagttc ttgt 294

<210> 1049
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1049
 ggaagcgtcg gcgacgcac ggcgcatggc gcgggcggga cagtgtttgt gaaactgaac 60
 acaacaaaag tatggatatg ggaaaccaac atccttctat tagtaggctt caggaaatcc 120
 aaaaggaagt aaaaagtgtga gaacagcaag ttatcggtct cagtgggtctg tcagatgaca 180
 agaattacaa gaaactggag aggattctaa caaacagct ttttgaaata gactctgtag 240
 atactgaagg aaaaggagat attcagcaag ctaggaagcg ggcagcacag gagacagaac 300
 gtcttctcaa agagttggag cagaaa 326

<210> 1050
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1050

taacaaaaca	gctttttgaa	atagactctg	tagatactga	aggaaaagga	gatattcagc	60
aagctaggaa	gcgggcagca	caggagacag	aacgtcttct	caaagagttg	gagcagaatg	120
caaaccaccc	acaccggatt	gaaatacaga	acatttttga	ggaagcccag	tccctcgtga	180
gagagaaaaat	tgtgccattt	tataatggag	gcaactgcgt	aactgatgag	tttgaagaag	240
gcatccaaga	tatcattctg	aggctgacac	atgttaaaac	tggaggaaaa	atctccttgc	300
ggaaagcaag	gtatcacact	ttaaag				326

<210> 1051

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1051

acctttggtc	atgcatagac	taagatgttt	tacttacttt	ttcttttatt	tgccaaaagg	60
aaatagaaaa	ttcagaggcg	atgttgactt	ggggagacct	tctgaggaag	gaagaaatcc	120
caggtgacct	ggttctcttc	acatttcctca	ggaagcccgc	tggtttcagg	aagacctgca	180
caaaggggaa	acctgacctc	ataattgaac	aaagctgatt	tttaaaccatg	ggaagacagg	240
gctaattgggg	tggttgtgag	gagtattagt	ccccttcagg	gagagaattt	aatgactgag	300
gtcacaggag	acaatctt					318

<210> 1052

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1052

ggctgcagtg	gtaatattat	attcagtagc	agccttagaa	gagtgggtcta	agacttgaac	60
ctggagcaat	tttatagcac	agaatcctac	gaagatagga	ctgtgaacat	ttgttttctt	120
cttcgtgtgt	gtcaaaactaa	ctgggtttttg	ctttaccaat	aaaatgtcct	cggcagagta	180
aaattttaaac	gtgaaaatta	tagatcttga	tattgaatcc	atcagtgatt	caagagatac	240
acctattttgc	ctaaaacaac	ctaagatgta	ttgggttatgg	aatcatgtgt	tggatagggtt	300
cttaagacct	gtttcctg					318

<210> 1053

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1053

ctccaatcca	gatttttaaac	acaatccttc	taatgtaata	tctgtaccta	tatagattta	60
gtatgaaaac	tatacaagct	aaaaaatgag	aaagcaagga	aggtgaaaag	aaaagatggg	120
tagccaattc	ttccgggtct	cagtgggaag	aagaaaaaca	gatggcagga	agtagtatga	180
ctctcttctt	ttttcactgc	tggttattat	ttgtaactca	cagggcagaa	taacagctct	240
agagctcaat	ttatctggag	gagattcagc	acacctgctt	ctctttttcc	actggcatgg	300
ctcttggtgt	aaatttgt					318

<210> 1054

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1054

tccagaatgt	gagaagagca	ttttaactcc	attttatgtt	ctcaaatccc	aagaaaaataa	60
ggaatcaaga	aaaatataac	aagaaaaata	aagaggtgtt	gaaatgaaga	aaccttaaaa	120
tctaaaaaga	ttcctaattt	ttttaatgtt	gccttaaatt	tttgcatgta	actatctcct	180
tcaagtttcc	ctaattttata	catgtttttac	ccagaaaataa	cagtcagcta	tgcattgctaa	240
ctttaaaaaag	tcacgtttat	cacatgttgt	tttcagagcc	aaaagccaaa	tgtcctgtct	300

cccgatgatt ccca

314

<210> 1055

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1055

ttcctctaca	agtcaggtcc	ttgaagtgca	tgagcagccc	actggggcat	gaacttggcc	60
ctaagtctac	acataaccag	tagggaggtg	gtgaaaaagg	gccttcagt	gggggaaatt	120
tgtggatcaa	ggcaccagg	ctttcactga	aaataaccct	gagtcagtgg	tctgcctcgt	180
ccctctgctt	actatgtagc	ctagccatca	gcacagctga	tcttagctgg	tctctgattg	240
tccctcattt	cttccctcaa	aagctattca	tgagactggg	tacagtggct	cacgcctgta	300
atcccgtac	tttggg					316

<210> 1056

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1056

cagggcctat	tatagacaat	ccattacagc	tatgtgagga	tttgaagga	ttatctaaaa	60
ggcatcactg	actgagaata	gcttgatagc	cgaagggtgat	atttgactcc	ttcgactacg	120
acaacatcat	catactttta	atatgtacag	ggcatagatg	tatatatatg	atcatatgga	180
tactaagaga	aattttgaaa	aattcaacct	acattactaa	tataagaata	tagtgacagc	240
acgtagagaa	aaagagatta	cgtgtttggg	ggaaaaaaga	caagcctaata	acaaaggagg	300
tatacggtcg	ggcg					314

<210> 1057

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(260)

<223> n = A,T,C or G

<400> 1057

gtgttttaaac	cacccagtct	atggtacttg	atgtggcagc	ccaaactgac	taatacaatt	60
gttaaaatct	accttccaga	tttcagtaga	cacaaaatga	accagcaaca	tctcagagat	120
tgtgaccctt	tgtgtgtaca	aaagatgagc	ccgctttttt	tctaaatcag	tgtggaaact	180
aaaagtaaaa	gtaagttata	tcctaaaatg	ccaaagtgtg	tcgtaatcca	gtaatcactg	240
ccctctaaaa	tacgccattn					260

<210> 1058

<211> 313

<212> DNA

<213> Homo sapiens

<400> 1058

caaaacataa	atgtattact	caaaatgttt	tatatagggg	cacaagagtt	ctttgactga	60
agcagttttt	attttaagtt	gtttggcctg	aaaccattcc	tggcagcaaa	aatcttttta	120
aaagtcttca	tgtgtagatt	taagctatcc	ttggcataaa	ataattaata	tatctatatt	180
tcaaagagca	gatggcagaa	aggactatac	cgaaatatat	tttatttctg	agcaccagca	240
taaaaacaag	agaaaaaaa	agaacagcca	gaatacagag	gttttttaggg	ctattctaag	300
tgatactata	ctg					313

<210> 1059

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1059

cttccaagta	gctgggatta	caggtgcttt	ttatgcctgc	caggccggac	gcagtggctc	60
acgcctgtaa	tctcatggta	ataaattcta	tgaataaata	tagagcagag	tcaggggtag	120
agagagctgg	agggtaggca	cctataggga	aggcctctct	ggcaaggcca	cacatgagaa	180
atgacctgaa	gcaggaggga	aggagtcatg	tgtatatattg	agggaaaagg	tgtttaggaa	240
gcgggaacag	taagtgcaaa	gtccctgaga	tgagagagtg	cttgatgtgt	ttaaggaatg	300
gcaatgtgca	gccaggta					318

<210> 1060

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1060

aggttgaaga	cactccta	tttcaacg	tcccttag	tcttaata	gaatatta	60
aagcatacaa	gtataaga	ttgatcct	gaaaccta	tcacaaagg	cattatta	120
cacaattaat	tcacagaat	tatttatct	gggaatgt	ctataaaa	ttttgtg	180
aaataggtaa	agctaata	agttattta	tgaaaaaag	aaaggggt	attgactt	240
ataaaaaac	ttgaaaga	tattcaaaa	ataaatgt	tactcaca	gttttat	300
ggggcaca	agttctg					317

<210> 1061

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1061

gggtgcaga	aaacacac	gttataaa	tatatcata	aagcaccata	atgtcaag	60
gttaaaac	aaattgg	attcggtc	aaaattg	ctgctga	aaatggct	120
atttttttt	tttttttt	ttccaaaa	aatttct	ttgttgcc	ggacgact	180
aatgggtg	aataaagg	tttgtgac	ccttgagt	tacaacc	ttacatg	240
aaggccct	acttcggc	tttgcagc	gataccc	ccccccg	aattcttt	300
tttaagtaa	aatgggg					319

<210> 1062

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1062

ctgaggttat	cctttta	aactctg	tgagaagg	taactgat	gttagcag	60
gccttatc	tttaatta	tctgctt	gaagggt	ctgatcag	agcagtt	120
tatgacagt	tagtaatt	attactca	acagtaaa	ctcaatat	taagcata	180
gacatacaa	tatgaag	ttttttc	ttctatt	gttggcta	tattggg	240
ttgatga	ttgttat	aaagga	aattgg	tattttt	gggaaga	300
gagctgag						310

<210> 1063

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1063							
tagtttaggc	aatattaaca	ccttacatct	gtaatttttag	cattttgaat	acacagtttt		60
taatgtacat	tatccattgg	gcagatccat	agaacaagct	aaaactttcc	agattcacat		120
tactttaaaa	atattttgat	ttgctgggtg	tggtgg				156

<210> 1064
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1064							
gcttctgaga	agtccacac	ttctgagcag	ctgtgtttga	agaaagctag	tgggaaaagt		60
tccaggatta	catgtcagga	aactacaaga	ggtagaaaca	tttggtgatt	taccagtgtt		120
tttaacttcc	tgctgggctg	aaaactgctt	gtttcgtgga	aaagcaaaac	ttgacagcaa		180
acatctaaaa	tgaagagctc	ccaaactttt	gaggaacaaa	cggaatgcat	tgtgaacact		240
ctactcatgg	acttcttgag	cccaacattg	caggttgcca	gccggaacct	atgctgtgta		300
gatgaagtag	attcagga						318

<210> 1065
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 1065							
gagttccaag	taggtaatcc	ttctgagaag	tcccaccttt	ctgagcagct	gtgtttgaag		60
aaagctagt	ggaaaagttc	caggattaca	tgtcaggaaa	ctacaagagg	tagaaacatt		120
tggtgattta	ccagtgtttt	taacttctct	ctgggctgaa	aactgcttgt	ttcgtggaaa		180
agcaaaaact	gacagcaaac	atctaaaatg	aagcgctccc	aaacttttga	ggaacaaacg		240
gaatgcattg	tgaacactct	ag					262

<210> 1066
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1066							
gagcagaggt	cagggcttca	tataaacagc	ctggtcctta	actgcttccc	ttctgcagtc		60
aacccagga	atggactttt	tgttcagtg	ctcctttcat	cctctttgaa	gagatgcaaa		120
tttgaacaga	cggtgtcgct	gttgggaact	gttttgtccc	tgccatcaat	tgtatgttcc		180
tctctgtgat	tatctggtga	gacagtgcaa	aaatagggac	aaaactaaca	ggaaaaaata		240
caaggaaaca	ggaaactcta	gcgtacagga	gttggccagc	ataatttatt	tttttcttat		300
gcatggtcat	gctatgt						317

<210> 1067
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1067							
tggggaggcc	tctactggga	accaccttct	gtaggacagt	caccaggcca	gatccagaag		60
gcttgaggcc	ctgtggtccc	catccttggg	agaagtcagc	tccagcacca	tgaagggcat		120
cctcgatgct	ggatcactgc	agtgttgg	gcagctgtag	aatctctgag	ctgcgtgcag		180
tgtaattcat	gggaaaaatc	ctgtgtcaac	agcattgcct	ttgaatgtcc	ctcacatgcc		240
aacaccagct	gtatcagctt	ctcagccagc	tccttttttag	agacaccagt	catt		294

<210> 1068

<211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1068
 gtgaacaaaa caggattatt cctataaaca gataaaatta acagaagaaa acttaaagtt 60
 caaaatgtat tacttgataa aatgctcgta atattatatt accataccca ttttaccatt 120
 taaatattac tagttttttt tcctcaatat ccattgataa gcttattctt taaaaacaga 180
 agtagggaaa gtgctagctt ttttgcttct tattcacagg aacttggtgca cctgatgtag 240
 tatagcacat tctcaaacat ctaataggtc acttctgaat ttttctctga attttgaata 300
 agataaaaagt aatttga 317

<210> 1069
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 1069
 caattctggt agaaaaaatc cagaatggtt ctgagtaatg gagctaaatg atttcagctc 60
 cctgttctc tatagtactc aaatagaagg aggacagtca ccataatttgc ttgttgcaat 120
 tgtgcatgtg ggcataagtt tcagagatgt atgtcctggt gcccacaact ttgcatttcc 180
 tgtgtcatta taaacctttt ccaaagcata atgacacaaa acatgatcat atttatatgg 240
 gtcattagca aaagggaata gctactcata ggagagatga ctgngccaag cccaacttgg 300
 caacagaatg aagaa 315

<210> 1070
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1070
 tgtggggtac attgtcaagc cacaacata acctgctctg taataatacc ctctacatt 60
 gttatcttgc tttggcacag tatgattcaa gtcttaatct taacactaaa attaagtgg 120
 ttcactctat taaaggcatc atcctcaact gaaactcact aaagcatata cacgtcacgt 180
 ggaacagctg aacacaaagc tcttaatctg aagttgacct atttagtaaa cctatagctc 240
 agaatttgac ctcatcacct cagaaaatca gggataaaat ctgtctttat attgtttcag 300
 gtacttgggt atcagag 317

<210> 1071
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1071
 aacactaacc cacagggagg atgaaagagg aaagtgcctc ctctggctga aactgccagg 60
 atgccctcta cttctaaaaa catttggtat tttccatagc gcgtttctat aacaaaaaat 120
 atgtgctagt tcccgttagc tggaactgac atgtggaagg ggccaggtct tgtggggcct 180
 ggccaagact gccccctgt gtacagcaag ggaggacctg cggttccacc agagccagag 240
 cagggccaga ggccgcagg gacaccttga gctccaacaa agccagcaac accccatacc 300
 gccgaacaga cagaaagg 318

<210> 1072

<211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1072
 tgccatcagc ttctgaatca tgtgtgcacc ctacccccaca cggcagtgga gtggcagctc 60
 tcgtgactgt aaaagccaca caagctcaag gcaaaaagtg gaacatgcaa agggaatgaa 120
 gtgaagagcc aagtcagcca cgtctctctt ccctccctca cctcccagcg gctgcctgtg 180
 cccatggcac cgagtaaaga ttttaagtgg atcaagatct tcatgtttgg aacaacttgg 240
 ccaatgactt tatctggtgc atctgagaaa ctattgaaaag gagccacagc tggaggaaca 300
 cagcacttac tagggtgg 318

<210> 1073
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1073
 cctactaggt caagtgagta ccaaggacag cgtggcaggt gaccatacag acgcctgaat 60
 aacaggaggc atgctgcatt gaggcctacc tttggaaaaa gataccacga tgctttaaca 120
 accgtgggta atagtgttca tgcctttgtt aattgtactc atgaagtagt aataaagggtt 180
 aatattctcc attggcatta tcaaatatta aagtactggc caggcgtggg agctcatgcc 240
 tgtattgccg gcaatttggg aagctgaggc aggtggatca ctagaagtta ggagttcgag 300
 accaacttgg ccaaca 316

<210> 1074
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1074
 ggagaagaaa gacgacagcg ggaacacaca agaagaaaac ttactcttcg tagaaaaata 60
 gaagagggaat ggaagacaaa agagatgtta cttctgacaa ggatggcaga agatgttaaa 120
 agagaagaga ggatagaaga acaacagcat agaaacagag aagagagtga caggaaggag 180
 gtataaatat ttcaggccaa gggtcaatta tttcagcgca ggtatcacc acgagaaaatt 240
 tttccagagt ttcacaggca tttttggatc cttcaaaaga agagaaggag acaaatgctg 300
 attgcatgag aagacc 316

<210> 1075
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1075
 tactggaact ttctaatttg taataaaaaa aaaatcctaa atactcttaa atcaacaatt 60
 acaacccttc ataagccatt ttgggtaaat tttgttctt ttggaaaaaa ccacactttc 120
 ctgtatatgt ttcacaaaaa aaaaaagggt ctccccattt tcccaggggac cgagatttaa 180
 gagttgcttg ttattgcagc aaaacctcac ctcttctgac caatcatggg ggaatttctg 240
 ggtgtgcgcc catgtgcctg tgtgagggcc gtgcgtgttt caccgccg aaaccctcgc 300
 ctccttaaca ctcc 314

<210> 1076
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1076

actttctgct	ttgccccctc	cctacctcta	tgctgatgaa	gagccagcca	tgctccagc	60
ccttcctgag	gccaccacat	gatcttgctt	attttcccat	tccaggaggt	cacctgcagg	120
gctcctccca	cctagccaca	atggctagtc	ccgctgcctc	cacagtggcc	ctgcagcccc	180
atcccagacc	cactgcacgg	ggtcacaagc	ttgtgcaggg	tggacagagc	agtagctcat	240
ggcagacatt	ccttctgttc	atctgttgca	gggaaaatgg	ggtgaggcat	gggaggggtt	300
cccagaatcc	cag					313

<210> 1077

<211> 313

<212> DNA

<213> Homo sapiens

<400> 1077

tatgggagga	aaccaagcct	cagagagaca	gaatcatttg	tgggagcagg	tggagttgaa	60
tccagggtccg	ccggattcca	aatccgacac	cacctcccac	tttctgactt	tgtaagatt	120
ccaccgcac	tagcctgggc	ccgggcaggc	ctggggctcag	tccccactg	cccggctgga	180
ccgcagagag	cagggcacag	ctcttcctac	cctagttggg	gccagctgcc	aagatgcctc	240
ttgggggttg	gaaaaggagc	tgagctgctt	gtccaggctg	gtgggtgatt	cctggggcac	300
ctgtttcagt	gct					313

<210> 1078

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(279)

<223> n = A,T,C or G

<400> 1078

aatcactgat	gactcttggt	aagccccctc	gtgggaaagt	agtatctccc	tgggtatcca	60
acttgcaggg	agtgttcagg	atctcatggt	ctgtagaggt	cataaggagt	gccagctaata	120
ctgggctgtc	atgtagacac	agctcagtgg	agagttttct	ggcaaaaagga	ggagcaaaagg	180
ccctggggca	gagaaaatct	tggagagtac	ggaaaaggcca	tgagactgaa	gtgtaataaa	240
tgaagcatga	ggagtgtgtg	cgangacagg	acgccaaga			279

<210> 1079

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1079

aacacaagag	tcaacactct	gtaattggaa	atattaatct	gtgtgaagga	aatagctaaa	60
ttaatgtcaa	acaacaatcc	cgaagacaaa	gctgatgcc	cagactcagt	ttcagttggg	120
attaaataga	tattatttca	gtgtttatta	aaagatgaga	cacattaact	aggttatcac	180
tcgtatttaa	gtttctttta	ctatacgggt	ctaagttagg	tactaaacaa	agttaaaaat	240
attttaaaat	agctaaaaaa	taagcaaatt	tgcatacaga	aaataaattt	attagacact	300
tttacattt						309

<210> 1080

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(306)
 <223> n = A,T,C or G

<400> 1080
 aggggggtatc ttgtagatta ggtagcaaaa ttggaagtca aagtgtccag tggcagtggg 60
 gaaaagtgtt gaccaacctc ggtttgatga aggtggcgtg aaagtcaact taaacttttc 120
 actgggaagc aggatatttc tgagcctaata gcttatggag aattggcctc tgtatttccc 180
 tccagacttt catgaggcac cgggcttggc ccaaactga gccagatgct gaatggcctg 240
 ccaatgcctg ccaatgtgaa aattattcag tttggttaag aaacaattta ctcattattct 300
 ggnttg 306

<210> 1081
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 1081
 ctgcttcattg tttatacctc acgtgattac tcatttcaag cataactgtct ctttccgaga 60
 gtaatgatga aaacattgaa gaaaccatcg atccaattac ccatactgat cccagaagta 120
 taaagaaaat ggtaatatc ttggatggct tcttttcata tttggtatag cttgatataa 180
 agtaggaagc ctgcatgatt ttactgtgct ctcagaatag ggatttttgt tttgctttaa 240
 cgcaagctgg gtgttggaag gagatttgaa acttgtgttt ggctgggata tgatgtagac 300
 agg 303

<210> 1082
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 1082
 tcttacaata atcctgtaag gtaacatata cctcttttta taaatgagga aattggggct 60
 tagctaagtt aacttgaca aggtcaccga ttagccaag aagcgttacc tagcttacat 120
 tattaactca tgccactttt attttttgag acggagtctc accctgtcgc ccaggctgga 180
 gtgcaatggt gcgatctcag ctactgcaa cctccgcctc cgggggttcaa gcgattcttg 240
 gccttg 247

<210> 1083
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 1083
 gaccagctca aaagagaaaa aggtgcaaac aatgcgaaga acacttaagg caagtatcta 60
 actacatatt tggaaacaag tgaatgaaac tgtttatgta ccagagatag aaaaaatatt 120
 ataacagtct acaggtgttg cattagtgtt gtgtgcttgt ctttacaact aggcagataa 180
 ataaaaacaa atatgttttt aaaattccaa catgtggtag tttgaaagtg tgtctcacca 240
 agtggaatca taaaatctgg ctcaaatttt agataaattt ggacttaaat ata 293

<210> 1084
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1084
 gagcctttcc atcagcccct gtgctgggta cgggtgaacc tgggggttcct ggtttgagct 60
 catggagagc cttggggccac taggggttcc ccaacgcggt ggaaagcca tgagaggaat 120
 gtgagctgtg acggaggaga agtgaggcgc tattggcata aaagaaaact aatcctcgcc 180

acgggggagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcaa	tccttgcgct	240
gggccccctg	gacccaggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgtca	298

<210> 1085
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 1085						
tttcttcagg	gaatttatca	gctaccttct	cccacttgaa	tactatattt	aaattccctg	60
tatatctgta	ttgggaatatg	cctgacaaaa	tataataacc	tgagtatgtt	tgcttataga	120
tattacctac	aatatagtta	aattgtatca	ttttatgtat	caatggttga	aatactggcc	180
tagttcatcc	actattgttt	taacaaaatg	ttgacacctt	cctgttggtt	taaatagaat	240
ctcccttttc	tatatctttg	ctgttactat	taatatgaca	tgtcaagtca	gatgtagaca	300
a						301

<210> 1086
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 1086						
ggattctaca	agcttttttg	gtggaaaaca	atgataagta	agccctattc	atgaaaccgt	60
atgcctctca	ttttgaaatg	aataattgca	cgtacagact	tataagaata	atggcactta	120
tagtgactgc	tatttttaat	gtctttttca	aagtgtcttt	ctaaaacatt	cttctttgac	180
attttctgatt	ctttttaccca	gcaagnttta	tgtatttttc	tacttctgag	gtcacctgag	240
taagaatttt	ctaacagata	ccactttttt	tttttttttt	tttgaaaag	gagtcctggt	300
ttgcccccaa	ggttgggggg	cgggggg				326

<210> 1087
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 1087						
cacccttccc	ccatgccaac	actgccactg	gcagaaaact	accgagggag	accagcagac	60
ctgtccccaa	ctcagtggta	gatgctgccc	atgttaacgt	gcacacagag	gatgtacaca	120
agcccatgcc	aaccggtgcg	ctgccaacac	cactggcagt	gcaaattgtg	gtatggggac	180
cactgggttc	ccctaccccc	atgccatata	gccaccacca	aagctgtgac	tgccctgcaca	240
atggctggca	tatctgcact	caccagcacc	cccctacagt	tgatgagcat	gcacg	295

<210> 1088
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 1088

gtgctaagaa	aataatctct	cttttttctg	ttgaaaacta	gcacaagtgg	cctgtgaact	60
tgcttgatgg	gagaaagcac	atTTaatctg	gatgttcatc	tgcaaagcat	ttagtTTaac	120
agccacagaa	aaattattcc	tgcgtaattg	atccgtgaag	cagatttatc	gtgactagac	180
catttggtg	tgtgtgtgtg	tgtatgtgtg	cgtgtgcgtg	tgtgtgagt	tgtgaatgan	240
aatcaggatg	acggtgtnac	aacagcaccc	tctggagacg	atagt		286

<210> 1089

<211> 284

<212> DNA

<213> Homo sapiens

<400> 1089

caggtaaatt	gcctttgcct	ctctcctggg	ctagatcctg	attcctgggc	ctgatggcct	60
cctatttctc	agttcacctc	catttggtga	aacatatact	caaatatctt	cttTaaaaag	120
tcatggccag	aaggctgggc	actgtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
ggggcaggcg	gaccacctga	ggtcaggagt	ttgagaccag	cccgcccaac	atggagaaac	240
cctgtctcta	ctataaatac	acaaaattta	gccaggcgtg	gtgg		284

<210> 1090

<211> 276

<212> DNA

<213> Homo sapiens

<400> 1090

attcattata	ttatggttta	cttttgcttt	atactaatta	ttagctcaaa	aacatttatt	60
Taaaaaattg	aactagaatt	ttaaaatata	aaaaatttaa	actaacaagt	tagtcagttt	120
tactattagc	atcaaccatt	ataagtaatt	cttttctata	acagatcaaa	atctcagtga	180
aaattcataa	accacaatag	ttgtctcaaa	ttattttatgt	tgtcaaaata	acaataagac	240
tattgctaacc	tcaataatag	gtacctcaaa	acaaat			276

<210> 1091

<211> 270

<212> DNA

<213> Homo sapiens

<400> 1091

gaggcacgat	aaatagtaca	aaaggcatat	aggtttctgc	aatgtgtgta	caactggagcc	60
cttataatga	agaccagac	acaagatggg	tgcagaagct	tgtctaccat	atgaagatta	120
cagaaagaat	gggtcttgg	atcacatggg	aaaaaaaaag	gttatgtgag	aaaaggacgc	180
tgactagcaa	cagtggactt	attacgtagg	cgaaacctca	ctgggagcag	tcctcagagt	240
gcatagagag	aaaatgtttc	tttcagacct				270

<210> 1092

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 1092

tcccaacact	agcttgctat	ctgagaccat	ctgcctgctg	ctggctttcc	tggcacaaac	60
attctgcatg	taggcacagt	gtgctcctgg	actccatgtc	acctcagttc	acctcatgt	120
tcctctgggt	cctgtcccca	gtccagcaag	cagaaactga	ttacagatct	taacagaaga	180
tacagattga	aaataaactg	cctgttcccc	tggactttat	ccactagtca	aggaggacaa	240

gtggacaagg ggagagggtta ngtggggggc

269

<210> 1093

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1093

cccatcgatt	cgccccacctt	catcctgagc	ctaaaaggcc	atctctgagc	acttggggcag	60
ccactcctct	gggcctcaga	gggccatgag	cttggccagg	taggcacagc	ggcgggggaag	120
tcacagctgt	caggtaccgg	ccatggtgca	ggtgggaata	ggagatgcca	gagctgcttt	180
agctgagaga	aagcaaacag	tcagcagtg	tcaaaggagc	aaaacttcga	atgtgcacat	240
tgaccctga	cacctgcaag	cataacacag	atcctaagac	tagagtgaag	taggaagaag	300
aattagaaaa	tccagtggat	gtcctgagta	tagggaacca	gggccgctga	aaatcagtaa	360
aggttgatta	cctggngcga	gaccgggtga	ctgtggcagt	gcaggtgaag	gtaccctgga	420
ccttctcag						429

<210> 1094

<211> 426

<212> DNA

<213> Homo sapiens

<400> 1094

ggcacgaggc	cacagaaaca	tgccccgat	tcagtgcctc	tgcttagctg	taacatgtta	60
atcagaacta	cctggcatct	tctgaacaa	gactttcaat	aggggccagt	atgcttcgct	120
tcatccagaa	gttttctcaa	gcattctcaa	agatactgaa	gtactcttcc	ccagtgggac	180
taagaaccag	cagaacagat	atactttctc	tcaagatgtc	tctccagcaa	aacttttccc	240
catgtccaag	gccttggtt	tcctcatcat	ttccagcgta	tatgagcaag	acacagtgtc	300
atcatacatc	cccctgcagc	tttaaaaagc	agcagaagca	agcacttcta	gccagaccct	360
caagcaccat	cacttaccta	actgacagcc	caaagccagc	attatgtgta	actctggcag	420
gactaa						426

<210> 1095

<211> 427

<212> DNA

<213> Homo sapiens

<400> 1095

ggcacgagca	aggaaggagt	cctgggagca	tggttttccc	tgagccaaag	ccgcggcctc	60
cagagctgcc	gcagaaacgg	ttgaagacgc	tggactgcgg	gcagggggca	gtgcgagccg	120
tacgatttaa	tgtggatggc	aattactgcc	tgactgtcgg	cagtgacaag	acgctgaagc	180
tgtggaaccc	gcttcggggg	acgctgtgc	ggacgtacag	cggccacggc	tactaggtgc	240
tggtgcggc	cggtccttt	gacaacagta	gtctctgtc	cggcggcggg	gaccaaggcg	300
tggttctgtg	ggatgtggca	tcagggcagg	tcgtgcgcaa	attccggggc	cacgcagtgga	360
aggtgaacac	ggtgcagttt	aatgaagagg	ccacagttat	cctgtccggc	tctattgatt	420
ccagtat						427

<210> 1096

<211> 423

<212> DNA

<213> Homo sapiens

<400> 1096
 ccccatcgat tcgaattcgg cacgaggaaa ccttaaacta tataggctctg ctggactgtg 60
 tggctgagta tcatagagat tttcattgtg atctattacc tacaaagtct tctgtggtt 120
 tctctttagg ggcaagctct gtgtgattga ttggaagaca tcagagaaac caaagccttt 180
 tattcaaagt acatttgaca acccactgca agttgtggca tacatgggtg ccatgaacca 240
 tgataccaac tacagctttc aggttcaatg tggcttaatt gtgggtggcct acaaagatgg 300
 atcacctgcc caccacatt tcatggatgc agagctctgt tcccagtact ggaccaagtg 360
 gcttcttcga ctagaagaat atacggaaaa gaaaaagaac cagaatattc agaaaccaga 420
 ata 423

<210> 1097
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 1097
 ttttagttta tgcagagcga ctggtctttc ttagcatttt ttttgtangt gattggcaga 60
 aaataaaaat ggccatatgt ttgaaactca gcacatctg ccctagggaa gtaataaaca 120
 aaacaagaga gcacaaagac tcaataaag aagcaaatgg ggcacatcaa aaaaagtcta 180
 ttgagaaaaat ttaccccgat agctaaagat aactgatagt agagtataaa ttgaggtata 240
 agaactctca gtgttcagta tgacagtggg tacacttaag actaagtgtt tttttttctc 300
 atttaacata atttaatact tatagaagtt tcaagaactg tacaagaagt ttcagaataa 360
 tttttacca gatttcccaa atgttat 387

<210> 1098
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 1098
 ccccatcgatt cgaattcggc acgaggggat ctatttttaag tcaggggctt tactagccga 60
 tttagttctc acaataacca tgtggagaag ctgtgacatt ttaatttac aacctttctg 120
 gggctcagac ataaagttaac ctatccaagg ttgcagttgg gtagtgggtg gaccaggatg 180
 gacaactcat tggccctgcc tcaaaagcca tacctcttct cctgctatgc agaactgtgt 240
 tctcctgaat ctctgtgatg ctggtgggaa ttgtttgcat agaggaagga caataaccct 300
 gccatcgatga gttaatgtcc gggctggtca cagtgggtca tgcctgtaat cccagcactt 360
 tgggagtcca aggcaggcat atcatttgag gtcaggagtt taagaccagc ctggc 415

<210> 1099
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 1099
 gatcccatcg attcgtggag ctaggtctcc aggtgggcct ggttcccagg cagcagggtg 60
 gaaccctggg cctggatgtg aggggcgggc aggaaggggt acaggggttc cctcatctgg 120
 agttccccct caataaagca aggtctggac ctgccttccc aggccttct gtgggggtga 180
 aggtggggaa ggccgtcggc gccagatca ctgccttagc agtagtcttg cctgttcagt 240
 gcaaggggca ggttttgggg ggaggaattc ttagcgcaag gacgggcctc agccctgtcg 300
 cctccagggg gccgctgacc caggtgggga gagggcaaaa gaaggggtgg ggacgtgggc 360
 aggccaggct cacaggtgga aatcacggat gcagggtggt gccacgcca aggcctgcag 420

<210> 1100
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1100							
gacttc	cggt	cggtgagc	gtgaggtgtg	ggtgttcgtt	tctcaagtaa	aacatggcta	60
aaagctt	acg	gagtaagtgg	aaaagaaaaga	tgcgtgctga	aaagagaaaa	aagaatgccc	120
caaaggaggc	cagcaggctt	aaaagtattc	tcaaactaga	cggtgatgtt	ttaatgaaag		180
atgttcaaga	gatagcaact	gtggtggtac	ccaaacccaa	acattgccaa	gagaaaatgc		240
aatgtgaggt	aaaagatgaa	aaagatgaca	tgaaaatgga	gactgatatt	aagagaaaaca		300
aaaagactct	tctagaccag	catggacagt	acccaatatg	gatgaaccan	aggcaaagaa		360
aaaagcttga	ggcaaagcga	gat					383

<210> 1101
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 1101							
ggcacgaggc	ccggccatgc	ttgtcctgtt	gaccgaccag	gaggtcctcg	gggagctggg		60
gcgggcgaag	ctgccggctg	tgggggccct	gatggagcgt	ctcgggtgtgc	tgtggacgct		120
gctgggtgtcc	cgctggttca	tctgcctgtt	tgtggacatc	ttgcccgtgg	agacagtgtc		180
tcggatctgg	gactggttgt	ttaacgaagg	ctcgaagatt	atcttcggg	tggccctgac		240
cttaattaag	cagcaccagg	agttgatatt	ggaagccacc	agcgttccc	acatttgca		300
taagtttaag	cagataacca	aagggagttt	cgtgatggag	tgtcacacgg	ttatgcagaa		360
aataattttc	agaacctggg	aggcttatcc	ctggggcacc	cgtcgccca			409

<210> 1102
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1102							
cgttgctgtc	gtaaaaatta	gtgatagagg	tagagattta	catatatata	aatctcattc		60
attacttact	atagaacaca	gtatttttaa	tatgttcctt	tgaaacatat	gaagaaaagc		120
agagttttca	catatatgta	gttagaaaag	ggaaagcgct	ataataacag	ttagtggatt		180
tttttgttac	tatatcaaac	tccccacata	tttcggaaat	aagttgcaat	gtagaatctg		240
aaagcctatg	actaaacttc	catactcaag	tgtaaaaagc	tattggttta	gcattgcactt		300
taagatgata	ttttacccat	aagtgtattt	tgacatcata	tattggtcat	ttgaaaaata		360
ctgcttcact	gtattatgta	attaattgca	taaatg				396

<210> 1103
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1103							
cgttgctgtc	gacctagttg	gtgcctcaca	gggttcctgc	tgcttggtgt	cttgctgatac		60
atcacctgg	tcacttcattg	ctgattagaa	tgacatctct	ttcgtctcct	atcttggttac		120
ccaactcttc	ctatttttgt	taccaatcac	tgtgctctct	gcccggccct	ggctccaggc		180
taatttttct	ggaatgaatt	gagaagggtg	cgtgctggcc	tgagctgatg	gaccacttgg		240

tgttttgcgt	tttggcccat	gtttgctgcc	tctatctggt	ctgccttgcc	cgtttgccctg	300
tccctattca	gtgtcttttc	tattttttcc	tctctcgttc	atgccttctg	ttttgctctt	360
gtccctggag	catatctgcc	taattaagat	gttgg			395

<210> 1104
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1104						60
cgttgctgtc	gggaaagtaa	ccaagaaacc	tctaggaatt	agtgaaaaaa	gaactttttt	
gaggtgtgtt	actatactgc	tgtaagttat	ttattatata	aagtattgta	aatagaatag	120
tgttgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	tagtcactat	180
taaattgggg	ttacctatat	cagtacaatt	tgtagttgtt	tccaggtttg	gctaataatc	240
attccttaac	ctagaattca	gatgatcctg	gaattaaggc	aggtcagagg	actgtaatga	300
tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtcg	tgcttcctaa	taggaattca	360
ttaacctaaa	acaagatgtt	actattatat	cgatag			396

<210> 1105
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1105						60
tactccacaa	atagagatgt	atctactcgg	atcgggggaa	ctgtaggaga	gaatatgtga	
aagccacttc	ctacgcccaa	tacgaatgag	ttgtctttta	acatctgcca	ggcccaggca	120
gctctccatg	caagtgcaag	ttcacaaaga	agttttctac	tcctgtccta	ttccgccttc	180
ctttgatcct	actctggaag	agttagaaac	tggcaaacct	ggggtgcaag	cataaaaatt	240
aggtgtctca	tctccttccc	cactgtggac	ttctagccta	cagaagttcc	tagctgaatg	300
aaagacctag	attttgtact	atctcatgtt	tgggatttgg	attgagacca	caccatagaa	360
gagaatcatg	agcctagagc					380

<210> 1106
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 1106						60
acttgagccc	aggaggttga	ggctgcagtg	agctgtgatt	atgacactgc	actccagcct	
gggcaacaga	gcaagaccct	gtctcctcct	tccccgtccc	ctccaaaaaa	aaaaaaaaaa	120
aaaaaaaaaa	aggggggggg	ttttttcggg	gaacccccacg	gggaaaaaac	ctttgggggg	180
gtggggcccc	ccccccctta	aagggggggg	aaaaaagggt	ttttttggga	aaattggggg	240
cgcttttgtt	tttttgcccc	cttttaaagg	gggaaaaaac	gagtaacag		289

<210> 1107
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1107						60
cgttgctgtc	gaggaactcg	gccgcccgga	gttgtggcct	catcgtgctt	cccgccaaaa	
acgccttggt	actgtcggga	cgcggctaag	cgtggacgcg	cccgcactctg	cccctcctcc	120
gcagtgggtg	aagacacccg	cggagcgcgg	gtggataagg	gccgtttcct	gagaccagag	180
ctgtatccgc	agcagcctac	ccgtatatta	caagaaatct	caagtcaaac	actggaaaag	240
atgtcagaag	attcagaaaa	ggaagactat	tcagacagaa	caatcagtga	tgaagatgaa	300
tcggatgagg	atatgttcat	gaaatttgta	agtgaagatc	ttcatcggtg	tgcactttta	360
acagctgact	cttttggcga	tcccttatcc	ccc			393

<210> 1108
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1108									
cggttgctgtc	gatattctga	aagatgtcag	tggagtgcga	gctcttgaaa	gtgctgttca				60
acatgaaacc	ttaaactata	taggtctgct	ggactgtgtg	gctgagtatc	agggcaagct				120
ctgtgtgatt	gattggaaga	catcagagaa	accaaagcct	tttattcaaa	gtacatttga				180
caaccactg	caagttgtgg	catacatggg	tgccatgaac	catgatacca	actacagctt				240
tcaggttcaa	tgtggcttaa	ttgtgggtggc	ctacaaagat	ggatcacctg	cccaccaca				300
tttcatggat	gcagagctct	gttcccagta	ctggaccaag	tggcttcttc	gactagaaga				360
atatacgga	aagaaaaaga	accagaatat	tcagaaa						397

<210> 1109
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1109									
cggttgctgtc	gaaaaaggag	agctcttctt	caagataagg	aagtggtagt	tatgggtggt				60
acccccggct	atcagtcagg	atgggtgcca	cccctcctgc	tgtaggatgg	aagcagccat				120
ggagtgggag	ggaggcgcaa	taagacaccc	ctccacagag	cttggcatca	tgggaagctg				180
gttctacctc	ttcctggctc	ctttgtttaa	aggcctggct	gggagccttc	cttttgggtg				240
tctttctctt	ctccaaccaa	cagaaaagac	tgtcttcaa	aggtggaggg	tcttcatgaa				300
acacagctgc	caggagccca	ggcacagggc	tgggggcctg	gaaaaaggag	ggcacacagg				360
aggagggagg	agctggtagg	gagatgctgg	ctt						393

<210> 1110
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 1110									
cctcgggcta	ccaggtttta	gcagcaactt	acaaccaggc	tgcccagctc	tgggaaggtgg				60
gggaggcaca	gtccaaggag	acactgtctg	gacacaagga	taagggtgaca	gctgccaaat				120
tcaagctaac	gaggcaccag	gcagtgactg	ggagccgcga	ccggacagtg	aaggagtggg				180
acctcggccg	tgccattatg	tccaggacca	tcaatgtcct	ttcctactgt	aatgacgtgg				240
tgtgtgggga	ccatatcatc	attagtggcc	acaatgacca	gaagatccgg	ttctgggaca				300
gcagggggcc	ccactgcacc	caggtcaccc	ctgtgcaggg	ccgggtcacc	tccttgagcc				360
tcagccacga	ccaactgcac	ctgctcagct	gttcccagaga	can					403

<210> 1111
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1111									
gggagtcgga	gggggcagct	agccgagatg	acgaggcacc	actccagcct	ggcgacagag				60
tgagattttg	tcctaaaaaa	agaaagaaag	aaaatgaaaa	catttcatct	ggaatatcca				120
aaattagggt	taatataatt	taaatctcat	tagacttttt	gatagattgc	tgtaaatatt				180

atgtgaaagt	tatgcttgct	ttcaatttca	gtggtgtag	atatctaat	acaagcctgg	240
ctatTTTTTg	TTTTTTTTT	TTTTTAAAA	aaactttggt	cttcaacccg	gccggagggg	300
ggggggaaca	atttggttaa	aaggaacatt	ggcctccaaa	acccccccct	ttccccggcg	360

<210> 1112
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 1112						
cgctgctgtc	gttaagtttc	atgggttaagc	tgttttcagc	aggcccacga	gtatcaagaa	60
caaaagggac	ggtcctccag	taaagatggc	catcaaggca	gcaaactctaa	tgactccggg	120
gaagaagcat	aaaaagagtt	tatTTTTTgtg	taaagggtcac	ccacgcataa	ttcttctctgt	180
gcccctagct	tggcaagccc	ctttactgga	accctgggtcc	tgatatatgt	ttaccaggcg	240
gacgtctgtg	cgtgctttat	tctcttcttt	ttctttatat	agccccacc	cccatcccct	300
gcctTTTTT	TTTTTTTTTg	aaaaaaacac	cacctTTTTT	tggaaaacaa	aacaacattt	360
ttggggcttt	ccccccccct	tg				382

<210> 1113
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 1113						
ggcggtggtc	gcggcggacg	ggatgaggcg	ctgcagtctc	tgcgctttcg	acgccgcccc	60
ggggcccagg	cggctgatgc	gtgtgggcct	cgcgtgatc	ttggtggggc	acgtgaacct	120
gctgctgggg	gccgtgctgc	atggcaccgt	cctgcggcac	gtggccaatc	cccgcggcgc	180
tgtcacgccg	gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	240
ttccgtggga	cttggtggcc	tcctggcgct	caggaaacct	cttcgcccct	cactgcactg	300
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<210> 1114
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1114						
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aagttattat	ttttaatata	cgcacctaga	tctctgtctc	tctctacaca	cacacacaca	120
cacacacaca	cacacatatt	tacatataga	tataaatctg	gaatgtatct	ttttatacat	180
acatttgaaa	tataaatcaa	tatctctgta	tatatccatt	tatacttata	tatatggtca	240
tattggtatt	atttatagat	ttaagaaaac	tactttgtta	aatagattgg	caagattcct	300
tgagtacgat	gaaacttcaa	attgcctata	aagtaag			337

<210> 1115
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1115						
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aagttccctg	cttcatgttt	atacctcacg	tgattactca	tttcaagcat	actgtctctt	120

tccgagagta	atgatgaaaa	cattgaagaa	accatcgatc	caattaccca	tactgatccc	180
agaagtataa	agaaaatggt	aatattcttg	tatgtcttct	tttcatattt	gggatagctt	240
gataataagt	gggaagtctg	tatgatttta	ctgtgctctc	agaatagggg	attttgtttt	300
qttttaatgg	cagctggcgt	tggaaagag				329

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<210> 1116
<211> 330
<212> DNA
<213> Homo sapiens
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<400> 1116
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atatcactag tacagtaata tagataaaaa tttttaaagt atagtttagc aaacgtgaag     180
ttttaaat tttaaaattt tatttattaa attgcctgtg aatgtgacac tttcttcatt      240
catgttttat caggtaagtg cttctttctc ccttgaaaat tgtaattctg cagagagggga     300
gctactgtaa atttaagctt ttgtgttgtt                                     330
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<400>	1117						60
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taattacttt	gttgtgagca	caaataagaa	ttactttctt	caaaaattct	aactaaataa		180
attactccag	tcaaaaagat	gtactcaatt	aattctttat	taagggcgtt	gtaaaatcta		240
agtgattgtt	ccagagaagt	taggcagtc	caggaaaata	tttatcactt	agcttagtaa		300
ttatttactt	agaaaaagtt	caaaaaaggc	cgggcgcagt	ggctcacacc	tghtaatcca		322
qcactttggg	agaccaaggt	gg					

[illegible][illegible]

gaatttttgca	tttataaccg	ggccttcac	atctttaact	ggaaaattct	attctaagtt	180
ataaaactta	aggcaagtta	ctcaaataat	acattaatac	ttgccacga	atctttaaaa	240
gaatccagaa	aaaaggaaaac	tccctttttt	cttcaatact	acctatctc	tgccccaacc	300
ttttctattc	attctttt					318

<210> 1120
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 1120						
acacttttaa	atatgtaatg	cttccaatct	tgttttgtgt	atctcattta	atttggtata	60
aggtagtact	gatttttagca	tattaatgcg	acttcttctc	tgttggttgc	tttgggtctgt	120
ggatcatccag	agagcttaaa	ttgtcattat	tttgggaaga	aaacctgtat	ttttggtagt	180
ttacaat						187

<210> 1121
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 1121						
aactagatgg	agtcctggca	ctcactggga	ttgagaacac	atgacaaact	aataggttta	60
ctgggcaggc	ggctaagctg	atctacttgc	tggttcaatt	agctccactt	tccggagggt	120
agcattttcc	caaccttgcc	ccatgctctt	gtgggtacat	ttacctatt	tggggcctta	180
gcgctttaca	aatgaacgtt	tcagtttaag	agacattgcc	gcataactta	tattaagtgg	240
tatgaattca	aaagcaagct	ctgccactac	acatcagaat	ccagcactga	aggaggtgtg	300
gaagtcataa	agatggaca					319

<210> 1122
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 1122						
gtagatacta	tgtgttgaag	tctatagcta	agcaacttaa	gccaaaaagg	tctttcaact	60
gaagctttta	tcaacttatt	ttggagatgt	tctctttcct	ttactcatgc	gtgattccta	120
aaataataag	atacatggga	ttaaataagc	cttggctttt	aacacaaatc	aggt	174

<210> 1123
 <211> 177
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 1123						
anaaacaaaa	gccacatcct	gttttttata	ctgtcttttt	gtggcttgct	catggcatga	60
atctttctagc	tgtcaacaaa	gggaggggcg	cttttggtgt	ggaggagaca	agaagccttc	120
aggaaaaagg	agggtctttg	atacattttc	tttctttcct	tcctttcttt	ccttcct	177

<210> 1124
 <211> 392
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1124

acagttaaga	aaatattaca	gaatgtagaa	caaagaaaca	aacagaaaac	aaattagtga	60
aaaaaaatta	cacacacata	cacacacgca	cacacttata	tatctctcta	tatatatcta	120
gttcagtact	tgcaatatag	gcacccctaga	gagaaacaat	ggacaaagta	gaaggaaaaa	180
tgatcaagga	actaataaag	gagatgttcc	cagactaaat	gcagtcataa	gtctgcagtt	240
ggagtttgct	tactaagtgt	ccagcacatt	aaataataaa	aggctcacia	cctaaacaga	300
tttttgagaa	atttgaacat	ccaaatgaaa	aaaaatagaa	aatcctaagt	ctttcagaga	360
caataagtaa	ctacaaagga	agaanaatat	ga			392

<210> 1125

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1125

cgttgctgtc	ggtgaaagag	aaatgttttt	cttggtgcat	tgattacatt	ttataaat	60
gcttagctgg	aaagtgtggg	aaaagaggcc	tggttgtaaa	ttgtacaacc	gattgtgaag	120
ctctagtgtg	aatattttta	cgtctgtatt	agacattttc	tttgcaaatc	tattgttcga	180
ttgaaatgta	aatgaaatta	aagatggtgt	acacccatca	tgtaaaaagc	aggcaccatc	240
tctaagatgg	atttaaatgct	cattttttaag	gcataatact	agcttctatt	taaaactata	300
atttaaaata	attctgtaca	atgaaatggg	gaatatatat	gggaataaat	tctattccat	360
ttatttcaat	ttgaatttcc	aaattgtaat	gtttcccttt	gtgctatagg	aatag	415

<210> 1126

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1126

agaggaggag	aatcgggagc	agaagaagga	ggaagagatg	aagagaacaa	caaaagaatg	60
aggaaaagag	aagaggacga	caggaggagg	agaggatgag	aaaaagagga	aaggaggaaa	120
ggaagagaag	gaggaggagg	agaaggagga	gtacaggaga	tggacaagga	ggaggagggg	180
accaggaaga	ggagaagacg	acgagaaagg	agaggaggag	aatcggcagc	agaagaagga	240
ggacgagatg	aagaggtgaa	tgagaggagg	aggaacggag	aacataacga	ggaggataac	300
aggagtggac	atgactgcat	gctgcattca	ctcggacacg	ccgccccctt	tttcaggacg	360
aacccgtggc	ctatgtgata	ccgccc				386

<210> 1127

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 1127

aggcagctga	tacactaggc	atagagtgtt	tgcagcacag	agaaaagtgc	agcagcacct	60
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gcccaaccagt	cacactggct	ttttgtgaga	ccactaccat	tcccagagata	cttctgatta	180
gccatgcact	ctgccatagc	ctcaggagggt	tggaaactttc	agtacctgga	agaagagttt	240
ttacccaaag	aacagcttct	tcctttatga	tctggccagt	tgtcagtgga	ggaagggtgtt	300
tgtcccctca	ggtggctgaa	aggtaactac	ataattgata	agagtattag	gaataactat	360
agtcttgccc	ttcaaactga	tcttgaacca	actgtgtaca	tactttgggg	cactaaggaa	420
aan						423

<210> 1128

<211> 413

<212> DNA

<213> Homo sapiens

<400> 1128

cccatcgatt	cgaattccgt	tgctgtcggg	ggaagactcg	gagtgcgatg	gcggcgcaaa	60
ttccaattgt	ggccaccact	tccactcccg	gaatagtccg	gaacagcaag	aagaggccgg	120
ccagcccttc	ccacaatggc	agcagcggcg	ggggctatgg	cgccagtaag	aagaaaaaag	180
cgctccgttc	cagctttgcy	caggggtatca	gcatggaagc	catgagttag	aataaaatgg	240
tgccctctga	gttttagcaca	ggacctgtgg	aaaaagctgc	caaacccttg	ccatttaagg	300
atcccaactt	tgtgcactct	ggccacgggtg	gcgcagtagc	tggaagaag	aacagaacct	360
ggaagaacct	gaaacaaatc	ctcgcttctg	aaagggcatt	ggccgtggca	acc	413

<210> 1129

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1129

aacccccactg	taggagcact	cttgaagaaa	atctgcctta	ccatctttta	caagagttta	60
aaaatacttt	tttcttttaa	agttacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	tagttttctt	taaagaaaac	aataataaaa	180
gaccagtc	aaatctat	tattcatcaa	gaatcttctc	ctattgagtt	gcttcattcc	240
attaagctta	aatcagcta	gactgaaaga	acctcagata	cttaagggtg	gttcattatg	300
ttctatagat	attctactta	tttataatga	ggc			333

<210> 1130

<211> 418

<212> DNA

<213> Homo sapiens

<400> 1130

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gaacgtagaa	ggggaaatag	atcttttcag	atgctgcttt	cccatgtaat	acaagcgttt	120
ctacagggtg	ccagagggtg	gaaatatgtg	acacttaaga	acagtgattt	ttattgggaa	180
ttttcttagg	gttattacac	ttaaagcaac	aaccaactag	taacagctcc	aggaaagggg	240
aatgaatcaa	ctcttggttc	tttctgaag	acggcagtg	tgtggataag	tgagttttta	300
atgccttg	agtggtctaca	tttgacactt	tagaaaaaat	aaacatattt	aataattttt	360
gtttctcctt	aggaataaga	ctgtagaact	gttttgtagt	gtgaattacg	gatgctct	418

<210> 1131

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1131

caaagtgttc	ttatttagga	aacacacaca	ttattacctt	agaaaatatt	tcattatatt	60
tgcaagctac	ataaaatagt	tcttgtagtg	gtataattta	ttttatccta	tcattctaga	120
aaggatttta	attgggtctt	atttttaatg	tatgtctatg	taatttcctt	acttataaaa	180

taaacttgtt	tattatagga	tagtattaac	tgaacaaaag	gctgtataat	tttctgtaca	240
catatgaata	ttttctaact	cattttcatt	catctcaact	ttagaatgtc	tcatttttct	300
tgactaaaaa	actctcagag	ccaacagtta	tgccctccaa	aggaagcaat	gcaggtgata	360
ataagtgaag	aaatgctgat	acagaccct				389

<210> 1132

<211> 422

<212> DNA

<213> Homo sapiens

<400> 1132

cggtgctgtc	gggcaactaa	acctgtcctc	ttgaattact	tcttcactgc	gctttctgag	60
gaaatgctga	ttgggttactg	ctaaagattc	cactaacaat	tcaaattggg	gatctttgtt	120
cccatggcat	gaaaatgccc	atgcccgc	gcaaaaatgc	tgaaggctctg	aaagacagat	180
tgttttggg	aaagtaaaga	gctctggtct	ggaagaaact	gtttccctaa	agcgtgttcg	240
gggtgtgattt	gtgtggtggg	ctgaaagcta	ctgcatgaat	cataacggct	cattgaaatg	300
tatggacctt	gggtttaaatc	cagggaccgc	gctcccaaac	acactcttga	aatgctgttg	360
aaaactgttt	tataaagcta	agaattgcac	ttcttgaggt	ataaaaacca	aacggaagtt	420
gg						422

<210> 1133

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1133

ggcagcaggg	tgcagccgct	ggcccgaaaa	tgctgctcgg	gcgagcaggg	gtcaggcggg	60
aaaagaagac	tccaaatcca	ttctctgtc	gccccaggg	caatgctgcc	aggagagggg	120
gtgggttccc	ccgcaggcta	tcccaccgat	ggggctgaga	gcttaatttg	gggttttatt	180
tgaattggag	acattgttcc	ctcttcgctc	ctctacccca	taaaattccc	tacaaatgca	240
aaaattcgag	atagaagaag	ccgtccctga	aagtaagttc	tgaaggattc	ctttcatgcg	300
gtgaaggaac	aacaacaata	ttcaacttca	ccttggtgtg	tgagggtcgt	cgtgttttaa	360
aacactatcc	ctgtagaaag	attagtgaag	tgtattggaa	gaagtagtgg	aaacg	415

<210> 1134

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1134

ttgtctgtgg	gaatttcaac	agaaggtaat	acacaggcaa	actacacttg	aaggcaacat	60
ttctctctgg	ctttcctttt	ctacacagag	agatattcta	actgatttgc	aagggtgctt	120
ctcagttggc	cggaatgaga	tattttcaga	tgaaagccta	tgactctgtg	tcactttccc	180
ccttattttt	gaatctcatg	tcttagttct	gcaggcactg	ttatttttaa	ttattattat	240
tatgctgttt	gccaaagctat	tccactttac	acagagttag	ttagagacct	gacaaatcca	300
ggccaacata	aagtctctggc	ttccagatca	gactacgtga	acaaagaaaa	aaaagaaatc	360
taccaaagtg	ccagctttta	gaaagctctt	a			391

<210> 1135

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1135

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acctgacctt	tctggttcca	ggtgaaggca	gagacagata	aaataggatt	attgtatgtc	120
agtatgtttt	caactatttc	tcttgaaact	tggaaacgta	ttagaccatg	tgggatacca	180

cgcgggacggg	aacgggggat	aaatgtgtgt	tcatatatac	tcctccacaa	atatacatgt	240
ctcaggctgg	gcgcagtggc	tcacgcctgt	aattccagca	ctttgggagg	ccaaggccgg	300
cagatcactt	gaggtcagga	gtttgtgacc	agcctggcca	acatggtgaa	accctatctt	360
tactaaaaat	acaaaaatga	gccggggcgtg	g			391

<210> 1136
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(432)
 <223> n = A,T,C or G

<400> 1136						
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tgtccctggg	gttctataat	ttcacagtga	tgttgtgggg	tggaaatctt	tctcattttt	180
tgagctgtgt	cttttgcttat	cttttttcca	tttgggtaac	aatctatatg	ttttgttggg	240
agatcaaaca	aatatcagta	tctgcattgt	ttatctcttg	ggccaattgg	ttttcttaga	300
gaagaacctc	ataatctgct	cagggagtta	gtttaagacc	agcatcattg	tgggagccca	360
gtggtggaag	caggaatgat	gtcctcacca	tttggtgtac	aggttctcac	ataatgcttc	420
tggttctcagt	cn					432

<210> 1137
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1137						
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agggaaaatg	atcccggccg	cctggaagcg	agaggcagcc	acagacacac	tggtccggaa	120
accgcaggat	gtaactgggg	agtcctggag	agtgactaga	accggaaagg	gggcagacgc	180
tttgagggag	gcaggcgggg	gaacaaacgg	gttgcagcca	gcaggctggg	ccgagggttc	240
gggggacatt	tgtcctgggt	gttgaagcaa	gctggctcct	ggccgcttac	ctagtatcct	300
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tggagaggca	acaagcaggt	gcagctg				387

<210> 1138
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 1138						
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caggcgaggt	gggttctgag	gttcacctag	aaatcaatga	cccaaacgtc	atttcacaag	120
aggaagcaga	tagtccttca	gatagtggac	agggcagcta	tgaaacaatt	ggacccttga	180
gtgaaggaga	ttcagatgaa	gagatatttg	taagtaagaa	gttgaaaaac	aggaagggttc	240
tacaagacag	tgattccgaa	acagaggaca	caaatgcctc	tccagagaaa	actacctatg	300
acagtgccga	ggaggaaaat	aaagagaatt	tatatgctgg	gaaaaataca	aaaatcaaaa	360
ggatttacaa	aactgtggca	gacagtgatg	aaagttacat	ggaaaagtct	ttgtatcacg	420
a						421

<210> 1139
 <211> 422
 <212> DNA

<213> Homo sapiens

<400> 1139

cggttgctgtc	gggagacggc	gggagccgct	gctctccggc	tgaggggaatc	agagacagct	60
ccgtccctag	tggagcgag	gggaggcaga	agtcacgaca	ggcgagggtgg	gttctgaggt	120
tcacctagaa	atcaatgacc	caaacgtcat	ttcacaagag	gaagcagata	gtccttcaga	180
tagtggacag	ggcagctatg	aaacaattgg	acccttgagt	gaaggagatt	cagatgaaga	240
gatatattgta	agtaagaagt	tgaaaaacag	gaagggttcta	caagacagtg	attccgaaac	300
agaggacaca	aatgcctctc	cagagaaaaac	tacctatgac	agtgccgagg	aggaaaataa	360
agagaatttta	tatgctggga	aaaatacaaaa	aatcaaaaagg	atttacaaaa	ctgtggcaga	420
ca						422

<210> 1140

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1140

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tggtgcctaa	gagtacacca	aatgtgacat	cctttcacca	atatagatta	cttcatacca	180
cattgtcaag	gaaaggacta	gaagaatttt	ttgatgaccc	aaaaaactgg	gggcaagaaa	240
aagtaaaatc	tggagcagca	tggacctgtc	agcaactaag	gaacaaaagt	aatgaagatt	300
tacacaaact	ttggtatgtc	ttactgaaag	aaagaaacat	gcttctaacc	ctagagcagg	360
aggccaagcg	gcagagattg	ccaatgccaa	gtccagagcg	gttagataag	gtagtagag	419

<210> 1141

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1141

cgttgctgtc	ggcgggtttg	gcccttcttt	gtaggagagt	ttcatccgcc	ctgaaatctt	60
cccagcgagg	gtaactcctc	aggtccctgc	ctgcacaggg	tttttttctt	agtttggtgc	120
ctaagagtac	accaaagtgt	acatcctttc	accaatatag	attacttcat	accacattgt	180
caaggaaagg	actagaagaa	ttttttgatg	acccaaaaaa	ctggggggcaa	gaaaaagtaa	240
aatctggagc	agcatggacc	tgtcagcaac	taaggaacaa	aagtaatgaa	gatttacaca	300
aacttttggt	tgtcttactg	aaagaaagaa	acatgcttct	aaccctagag	caggaggcca	360
agcggcgag	attgccaatg	ccaagtccag	agcgggttag	taaggtagta	gattcca	417

<210> 1142

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1142

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aacgtgataa	ggtgctgact	gattctggtt	cattggattc	aactatccct	gggatacaaa	180
ataccatcac	agttaccacc	gagcaactta	caaccgcatc	atttctgttt	ggttccaaga	240
aaaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	ggaaaaggag	300
attctacact	tcagggtttct	tcaggattga	atgaaaacct	cactgtcaat	ggaggaggct	360

ggaatgaaaa gtctgtaaaa ctctcctcac agatcagtgc aggtgaggag aagtggaact 420
ccgtttcan 429

<210> 1143
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 1143
tcgattcgaa ttccgttgct gtcggcagct gcctgaggac ccagggcaag gcagcagctc 60
cgtggagttt gacatgggtca agctgggtgga ctccatgggc tgggagctgg cctctgtgcg 120
gcgggctctc tgccagctgc agtgggacca cgagcccagg acaggtgtgc ggcgtgggac 180
aggggtgctt gtggagttca gtgagctggc cttccacctt cgagcccgg gggacctgac 240
cgctgaggag aaggaccaga tatgtgactt cctctatggc cgtgtgcagg cccgggagcg 300
ccaggccctg gcccgctctgc gcagaacctt ccaggccttt cacagcgtag ccttccccag 360
ctgcgggccc tgcttgagc ancaggatga ggagcgcagc accaggetca aggacctgct 420
cgggcggtac tttgg 435

<210> 1144
<211> 425
<212> DNA
<213> Homo sapiens

<400> 1144
cgattcgaat tccgttgctg tcggcagtg aaacagttc acgccatgat ggaaaggaag 60
ttgatgaagg agcctgggaa actaaaatta gtcacagaga gaaacgacag cagcgtaaac 120
gtgataaggt gctgactgat tctggttcat tggattcaac tatccctggg atagaaaata 180
ccatcacagt taccaccgag caacttacia ccgcattcatt tcctgttggg tccaagaaga 240
ataaagggtga ttctcatcta aatgttcaag ttagcaactt taaatctgga aaaggagatt 300
ctacacttca gggtttcttca ggattgaatg aaaacctcac tgtcaatgga ggaggctgga 360
atgaaaagtc tgtaaaactc tctcacaga tcagtgcagg tgaggagaag tggaactccg 420
tttca 425

<210> 1145
<211> 397
<212> DNA
<213> Homo sapiens

<400> 1145
cgttgctgtc gggttcaggtc actgattggt tggaaagcct gataaactgc cacggccacg 60
aggagtctaa ggacacatcc aatttccatt cgcattccaaa atggaatccg agacagaaag 120
aggaccttag ccttcatatc tggttttttc ttatgaagct tcttctgggt ggaaacttgt 180
caaatttcat caggtaagaa gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa 240
aaccgaagtt taagaaatct aaagatgggt tcagccttag acagatctct ggactgtaat 300
ctgggaaagg tcaaataaga tctccaatcg tgtacaattc caaatacatt tgagagcagt 360
gggtctgaaa atgtggttcc cagaccagca gcatcaa 397

<210> 1146
<211> 391
<212> DNA
<213> Homo sapiens

<400> 1146
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 ggtgttgcta tatttttgtg gtgaggaact gagaccagg gaagtcacgg tactttgccc 120
 aaagtcaccc cgatgtcaag cgtagagca agaatttgaa cccagagct taactcttaa 180
 ccattttgct aactggctgt ctctccaggc ccccatcacc ctttccatca cctcccttg 240
 cccaggggc atcctatcaa atggcagttc cccctcgt tgcctcagca tctccaattt 300
 agagcttcat ggatctctc ctgttgaagt catgggatgg atttcccatc tcagaaactg 360
 cacaagaaac aaccttggag ttttgaacaa g 391

<210> 1147
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1147
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 agctgacttg tgcagtggtt aattgaaatt attcaggcaa gagatgatgg tgtcttggac 120
 caggggatga ggaaggctac aaaatgtgtc tacctgtatt ctgtgaggag aacgtgttcc 180
 ctggttttag atactgtgaa gatggatcag gagagagttt atctagactg ttggggaaag 240
 gtgttgcat tccttcagct acacaggatt gaaaggagac atttctgaag gggaaaaagg 300
 aaatgaaaga aaagatgttt cagattgagg atatgctgtg tggatgaact gttcttcaact 360
 ctgttagggg tcacaaatga ctcttcaactg cctctn 396

<210> 1148
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 1148
 ggcaacgaggg acattgaagc aacactcagc gttgcctagc gttaaaggca ctgcagagaa 60
 atgaggtgca gaggtggccc ctctgagtat ttatttgact caggtaccag tggtagatat 120
 atacagtgtg attatgacca ggctggtaaa attggctgct cgcaacaat cccctttttt 180
 cctggcagta tttggaattt atcatttatt aataactata cattttttaa ggcagaagaa 240
 gaaaatctat ctatcatcta tctatctatc tatctatcta tctatctatc tatctatcta 300
 tctatctaaa tgacctgaca gaagaaaact gttaaaaatg gatattattg gaggggattt 360
 aaaacagtgg gtgtgaatta tcattctgat ggaaagaaaa t 401

<210> 1149
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1149
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 ttaattcaag accctccac tttctttgta ggaatagatg aggcataaat tttatgacta 120
 taactgaatt ttttcacaca agaccttgag atttggtaga aaataggatc tgtttgatct 180
 gcttgacctg gcctcccaa gtgctgggat tacaggcgtg agccaccacg cctggccctt 240

ttactgttct	ataaaataag	aagaataaaa	ggggtatttg	aggtacatgc	atttgaagtt	300
cttagaatga	gacctagcat	gtaggaaaca	ctcattgtta	gttgctcctg	ctattaatag	360
tagtaaatag	gtcaacatga	ctcagttaac	attn			394

<210> 1150

<211> 370

<212> DNA

<213> Homo sapiens

<400> 1150

atacacttcg	tcattttttt	ttctctgaca	gactcagcaa	gaccaattat	attatctaag	60
aactaaccac	ggagggtgat	agtttagaag	agtcaagaaa	aacaggtaaa	atatagcaaa	120
tatgtaaaac	aaaagaaaag	ccactaaaat	gcaaatttct	gcctaagtat	tatatgttat	180
atgctagaga	acacagataa	tcattttgacc	aagtaggaag	gaaaacaaga	aaatgaaaaa	240
agtggaaaag	agagaaaagt	tgtaaatgaa	aaaagtttca	aatgctgagt	ttctaaagaa	300
ctgagaaaaa	aaattagaaa	cagtgtattac	taaagaggat	aaaatttttt	ataaaccatg	360
acattttgca						370

<210> 1151

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1151

agttcttaat	ttttaaat	gaagtcaggt	tttagcatct	ttaagtttat	tggtgtttt	60
ataaatgtat	tattttccct	gtgaaactcc	tatttgaatc	ttttataccc	ccacccctg	120
tcctttttcc	ccttgtatct	ttttaaaaaa	ttgatttata	aaagcacttg	tgaggctgag	180
gtgagtggag	cacttgagg	caggagttct	agaccagcct	ggccaacatg	gtgaaacccc	240
atccctacga	aaaatacaaa	agttagctgg	gtattgtgga	gtgcgcctgt	aatcccagct	300
acttgtgaga	ctgaagtga	acaattgctt	gagcccggga	ggcagaggtt	gcaaagaact	360
cttattgcac	tccag					375

<210> 1152

<211> 371

<212> DNA

<213> Homo sapiens

<400> 1152

tttcatttcc	tgtgtggaaa	acaattaagc	ttataatttt	gcgtttttaca	gaaacagaat	60
cacttaactt	ctgaaaggag	aaattaatcc	taattaaatg	aggctgcttt	tttaaaatcc	120
agatattata	tactggattg	ctttggagaa	aattttgttt	tataccagta	cctaaatagc	180
ttttaagagt	tcaggttaac	ctatgctgag	gaaattaata	gcaaaaagaa	aaggccacaa	240
tcaagacgga	aaggatttaa	gttttattaa	tgattattaa	gtgcattatt	tatagtagaa	300
tccccaacat	atgctcacga	aaataaacca	gttctaataa	atacatgata	aagatcacaa	360
aattagaaga	g					371

<210> 1153

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1153

gatatatgta	tttatgtcta	aaaatgggtga	cctttaattt	taattggggg	gttggaaaga	60
gacagttgaa	cttaaacaca	cataaattat	tcactttctca	tcctattact	tatcctatcc	120
accttaggtg	aagagtaagc	gtaagtattt	ttttcttana	tgctaagcac	tggatgaaag	180
tcctctgaca	atcacaacac	tattttgtcaa	tacagtagta	aacatttgtt	tcagatttaa	240
aaaagtcatt	tatttccctt	gcttataaaa	taggagtcaa	gagttatctg	gctgtact	298

<210> 1154

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1154

ttctagagca	cgcaacctag	atccctcaca	tgtgcagttc	acaatagggt	tcacactcct	60
atgacaacct	aatgctgccg	ctgatctcac	aggaggcgga	actcaggtgg	gtaatgctcg	120
ctggcccacc	gttcgcatcc	tgttgcacag	tccagttcct	aacaggccac	ggaccagctg	180
aggacccctg	ctctagagaa	tcgccaaatg	tgagggtggg	catgaaagtt	tcaaacaggt	240
gttaaaggca	aagtgatata	aaagaatcat	cactgcagtt	ttaaagagtc	ctataaggaa	300
gaactctcat	ctttttctct	tgatcaaatt	cactttcaga	ccaaagaaac	atgcatatag	360
aatttaagca	gaatactgtg	a				381

<210> 1155

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1155

cgttgctgtc	gagcgaatca	cctgagggtca	ggagttcgag	accaacctgg	ccaacatggt	60
gaaaccctgt	ctctactaaa	aatacagaaa	ttagccgggc	atgatgggtg	gcatctgtag	120
tcccatctac	ttgggagggt	gaggcaggag	aagagcttga	acccgggaag	cagagggttg	180
agtgagccaa	gatcgcgcca	ccgcactcca	gcctgggcca	caaagcgaga	ctctgtcccc	240
ctcccaaaaa	aaaaactggc	atgtttcatt	tattagatgt	ttattttttc	aacttcgctt	300
tttagaagtc	atttagttag	ggtcattcta	aagggtgaag	tattgagatt	taatacagag	360
aagtctctga	aaatgtttgg	gccattgtat	atta			394

<210> 1156

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1156

agccctactc	ctgggggtggg	agggggctgt	aaatgggaat	taaagtgttc	aaatgagact	60
aaccgtaggg	gtgaagaagg	tgtgagaaaag	gaaaccagag	cttggcttac	tgcttaaagt	120
caggaagcga	aactagctag	tcttccctat	aaagatagct	taaagcaaaa	caaaactagc	180
acaaatatat	tgctagccac	catggccaat	aactgaatta	ggccagttat	tggttcagtg	240
gatacatctg	tgagatcctt	aatattgctg	aagaacagaa	gcacagaaac	caccagagaa	300
gacttatgta	agaatgggga	tagagggtta	aatcccatgg	gtggcaggca	gcaggcactc	360
acaaacacac	acg					373

<210> 1157

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1157

gcctcaagca	gtcctcctgc	cttgacctcc	aaaagtgtctg	ggattacaag	catcagccac	60
tacacctagc	caaaatcttc	atcttagtac	gatccaaggg	tagtttgtat	gatatatcca	120
ttaaagtgtg	agatacactt	gtctataatt	ttcctcaaat	catgaaatga	aactgaccac	180

aaaattttca	aaaccactga	gaaaattttt	ttcaatgtgt	gatctagaat	agcttacacg	240
gcagttctaa	ttattttgtt	tgtttacact	attttaaaga	aaagtccggc	cgggcacagt	300
ggctcacgcc	tgtaatccca	gcactttggg	aggctgaggg	gggtggatca	cgaggtcagg	360
agatcgaga						369

<210> 1158
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 1158						
ccaccagag	ctgggtgtcta	catccttcag	ccttgacttc	cacgggtgcc	actagcccca	60
gaaaacgcaa	cgcgcctcag	gttgaaatcc	tctcctctg	aaatctatga	gcctccgccc	120
ccttctcaga	gacgttccaa	gcctccactg	gccccttcac	cctctcgttt	aagggcacca	180
cattctggcc	cggcgcggtg	gctcaccctt	gtaatccag	cactttggga	ggccg	235

<210> 1159
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1159						
aaaatggaga	caggcacact	agcttcctca	cagtagtagc	tgtaaaattt	acgtgaagta	60
acttatgcta	actcatggca	taataacttg	catatagtat	acaatgacta	attttaacta	120
ctactattat	aaatatcttt	attttatttt	tttgagacag	aatgggtgctc	tgctccctctg	180
tcgccgagat	ctgtagtgac	cccatctctt	gctttgagtg	gggcgtccca	agaattatag	240
gaacagggct	gatgggcatt	tcagccacaa	caatgtcctt	gacaacaaaa	aaaagatcgt	300
gcttcaacaa	cagaaatgca	atgtttcttt	tatcactttt	cagtgtgatc	acagtcattg	360
gcgctctgga	ttgcatgg					378

<210> 1160
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 1160						
cgttgctgtc	gggaaaagag	gcctgtttgt	caattgtaca	accgattgtg	aagctctagt	60
gtgaatattt	ttacgtctgt	attagacatt	ttctttgcaa	atctattggt	cgattgaaat	120
gtaaatgaaa	ttaaagatgg	tgtacaccca	tcattgtaaaa	agcaggcacc	atctctaaga	180
tggatttaat	gtcatttttt	aaggcatata	ctcagcttct	atttaaaact	ataatttaaa	240
ataattctgt	acaatgaaat	ggggaatata	tatgggaata	aattctattc	catttatttc	300
aatttgaatt	tccaaattgt	aatgtttccc	tttgtgctat	aggaatagga	ttaaatgggg	360
gaagactagg	atttataagg	cctgtatatg	gggggagggc	agag		404

<210> 1161
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1161						
cgttgctgtc	ggttgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	60
tagtcaactat	taaattgggg	ttacctatat	cagtacaatt	tgtagttggt	tccaggtttg	120
gctaataatc	attccttaac	ctagaattca	gatgatcctg	gaattaaggc	aggtcagagg	180
actgtaatga	tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcttaa	240
taggaattca	ttaacctaaa	acaagatggt	actattatat	cgatagacta	tgaatgctat	300
ttctagaaaa	agtctagtgc	caaatttgct	ttattaaata	aaaacaatgt	aggagcagct	360
tttcttctag	tttgatgtca	tttaagaatt	actaacacag	tg		402

<210> 1162
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1162
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 gtaggctggtt caaatggtag acataatagt gagaagccac ctgagccagt caaacctgaa 120
 gtcaagacta ctgagaagaa ggagctatgt gaattaaaac ccaaatttca ggaacacatc 180
 attcaagccc ctaagccagt agaagcaata tgaagaccaa gccagatga accaatgacg 240
 aatttggaat taaaaatata tggctcccta aaacaagcac ttgataaact taaactgtca 300
 tcaggggaatg agggaaaataa gaaagaagaa gacaatgatg aaattaagat tgggacctcc 360
 tgtaagaatg gaggggtgttc aaagacatac cagggtctag 400

<210> 1163
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1163
 ggcacgagggc cgcacttctg cctgctgttt gcatttctcc tggactaagc tgctcttggt 60
 aatcacatgg atgttggcac agctgatgca cttgtccttc attactgtgg attatggaat 120
 ttattggcat tggggagcaa caaggtgaga gcccttgaag atgactcaag aattcagcct 180
 ggctcctgac taggaggatg gtgattctaa taatgaagag aatggggaag aagatggagt 240
 tttgtgaaag agaggaaatt gtgattgggt aaggcatctg agccagcctg gctgtcaagt 300
 atgagaaatg aggacatgat ttctggaaac agcatcccaa agatgccgtt tgcaggggaa 360
 cctctactca gcacaaagca tttgagaagg gctgggttact tg 402

<210> 1164
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1164
 ggattaggat cagaatgggtt ttgtgcttct caacagccaa attagaattt agaaacaata 60
 gagctatagg ccttcaaatt ctaaggagga atgatcgcca acctaacatt tgatacttgt 120
 tcacagaatc aaatggatgt gacacgggaa taaagacatt gatagatata cacattctca 180
 aaaccatttc ctccccacat acctcttctt aggaagtgac tggacgatga gttccatgaa 240
 aataaggtat aaacaacgaa agatgaaaag atacggtata ggaaactggg agcaaatgga 300
 attatcataa ccttgaaggg agaccccccc aggacagtgt gggttccata taataagggg 360
 ttgggcctcc gtc 373

<210> 1165
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1165
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 agtgtcacat tagtgtcaca gacagaaagc acacacctat gcaatatggc ttatctatat 120
 ttatttgtaa aaatccaagc atagtttaaa atatgatgtc gatattacta gtcttgagtt 180
 tctaagaggg ttctttatgt tataccaggt aagtgtataa aagagattaa gtgctttttt 240
 ttcatcactt gattattttc tttaaaatca gctattacag gatatttttt tattttatac 300
 atgctgtttt ttaattaaaa tataatcact ggaagttact aatttgattt tataagggtt 360
 ggagcattac agaataacta aactgggatt tataaag 397

<210> 1166
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 1166
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 actgtacaca gcatttccta accagtgtcc caggcagggc ttggccagct agagtcctag 120
 accactagtc tcagtctgga ccatttcccg cagtgtgctt caaagattcc gtgtgtgtgc 180
 catgatatga aaaaagtacc tgccctcaaa gaacttacaa tccagtaaaa agaataagta 240
 cccaaatcac tgtaataaaa ggtagtataa ggccggggcgc agtgggtcac acctgtaact 300
 cagtactttg agaggccaag acaggcagat cacctgaggc caggagtttg aaaacatcct 360
 ggccagc 367

<210> 1167
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 1167
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 caaagacaca aagcttcagg cttatacaaa actgagtatg attagaaata cctgagccca 120
 gaaatgattc tgagaaaaga gaataatttg aagacactta ttttaaagta attatgggta 180
 gaaatgaatt aatttaaaca tgtgttcaca tatcccttcc tctaacagtt taacctagac 240
 aaacatctgt atcagtattt ttttattccc ctgattgatt acatttgggt tctttattct 300
 gagaggagaa taacaaaaaac ttcagaaatt cctaagggtg taataagaaa gtgggttttg 360
 agtttccttt cctggaatta ttttacagtt ctttgggtggg tctcgtcag 409

<210> 1168
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 1168
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 aagttctttc agtaagatgc cctgtcttgt ctttgtctct tttttgttta acaaggtaac 120
 tttttgttta acaaggtaac tttttgttta acctagattt tttttaaaac tttttttttt 180
 tttcttatgg aaaaagtatt tctttttcag taaaggaaac ctgcccacaa caaacccaaa 240
 attaaaaaat taaaaatatt ctctatccct actacctaaa aaaaaaccct tttaatattt 300
 gggccgggttc cctgccaagg ggtttttttg gaatacagga gaatttgggt ggttttttaa 360
 caaaacaagg ggaacattct gaacatactg gcttatagta gggcgc 405

<210> 1169
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (404)
 <223> n = A,T,C or G

<400> 1169
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 aacttaaggg tatttatagt ttaattccat ttcagtttta tagagggcag taattattct 180
 gatgaatgtt gaattaagaa atggatattt tctttctctg ttgtgcagnt attggtagat 240

caatttctta	taaccacaa	tgtagcatca	ataattgata	gcatgtattt	tatttaatta	300
cttgaattat	ttagacttga	tttctcta	ttttccata	aaaggactga	acagcaccta	360
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<210> 1170

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1170

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tggtaaatac	aacttggtg	cttagctctt	cagaccacag	ccctaatttt	cattttcttg	120
tctttatcat	attagaacta	ctaagcagat	ttccaaaaac	aatccatgag	atgaagttag	180
agggatagaa	ggaggacaat	ctgaaaaata	tgaagtgatt	aaaaaacatt	gttctagcta	240
gttgctcaca	ttcaaaaaaa	atgttaaaac	ccaattagaa	acaaaagtca	tagaaaatgt	300
gagcatattg	tgttccttaa	ataaccagat	gttctttcct	tcctgaaggc	agtaagggtc	360
aggaaaaaag	gtttaaaact	attgttttaa	gttaacgggtg	ag		402

<210> 1171

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1171

gcacgagggc	atttgtttaa	tttatactgg	ttacttattt	acgggggagg	ggacatgaag	60
gtaggtaaat	aggtaggcct	ctaattgaac	cacctctcta	agttatgtac	gtatatataa	120
gctgaaattg	tggttgacat	tctgagggtt	ttctttttct	ttttcctttt	tttttttttg	180
ggggggggcc	ggggggaaaa	actttttttt	taaccccggt	ctgaataccc	acgctaataa	240
tcaaataata	atgagccctc	gccttttgaa	ataaaggaga	ttccccggcc	aaactttttg	300
gagaactgga	aaaaaaaaagg	ccccccaccc	accccttat	attttgttt	taaagaagag	360
ggaagtttcc	cctttgaggc	ccaggccggt	cttaaccg			398

<210> 1172

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1172

tcccactcga	ttcgaattcc	gttgctgccg	atgtggcctt	tatttgact	gctcatatcc	60
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ctggttattg	catattcttt	tccttggaag	cgaaagagaa	atgtttttct	tggtgcattg	180
attacatttt	ataaatttgc	ttaactggaa	agtttgggaa	aagaagcctg	tttgtcaatt	240
gtacaaccga	ttgtgaagct	ctagtgtgaa	tatttttacg	tctgtattaa	acattttctt	300
tgcaaatcta	ttgttcgatt	gaaatgtaa	tgaaattaaa	gatggtgtac	acccatcatg	360
taaaaagcag	gcaccatctc	ttagatggat	ttaacgctcc			400

<210> 1173

<211> 397

<212> DNA

<213> Homo sapiens

<400> 1173

cgttgctgtc	ggtcttgctg	taagagaata	acaactgatt	tttctgactt	cttaagcatt	60
gtaggctggt	caaaaggtag	acataatagt	gagaagccac	ctgagccagt	ccaacctgaa	120
gtcatggact	actgagaaga	aggagctatg	tgaattaaaa	cccaaatttc	aggaacacat	180
gattcaagcc	cctaagccag	tcaaagcaat	atgaagaccg	agcccagatg	aaccaatgac	240
aaatttgtaa	ttaaaaaatat	ctgcctccct	aaaacaagca	cttgataaac	ttagactgtc	300

atcaggggaat	gaagatcata	agaaagaaga	agaccatgat	gaagttaaga	ttggggacctc	360
atgtaagaat	ggtgggtgtg	caaagacata	ccagggg			397

<210> 1174
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1174						
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aatcactaga	gatgttattc	cactatcacc	aaatagtata	ttgttaccat	ctgttaacct	180
acaaccttgg	gtaagatggg	ataagttaac	atcagttgca	acatacacat	tcaatgtaaa	240
atagctttta	cacaataaca	actattttgg	tttattgaaa	caagttcaca	cattgtcatt	300
aaaaaggcat	tttgaattca	ctgtattttt	attaccttaa	ttctgttgaa	catgggaaag	360
agcctggtc						369

<210> 1175
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 1175						
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ttgtgggcat	ggtgggcgct	gagtctggag	gttggtcaag	gccagcagcg	ttgcccggag	120
ccctgctgct	gacgctgccg	tcactgggtc	tagctctcac	attctcagct	gcacgtttct	180
gtttccacct	cagtaaacgc	aaactcttgt	tcataggcac	agctgtcact	gcagcacaca	240
aggactcagg	tttgtaaaga	caaacgattg	atgtgtgtgt	gacgtgctgc	ttgtttgcac	300
tggattttgc	aaattattta	ctaaagaaaa	gtacttcaga	ccttttgtgg	cagacaataa	360
atacagcgat	actctaactc	tcagtattca	taaaaatggg	tgaag		405

<210> 1176
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1176						
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ttttcttctt	tgggaaacca	aacatacaaa	tgaatcagta	tcaattaggg	cctggggtag	180
agagacagaa	acttgagaga	agagaagtta	gtgattccct	ctctttctag	tttggttagga	240
atcaccttga	agacctagtc	ctcaatttta	ttgtgtgggt	ttttaatttt	cctagaatga	300
agggactgaa	acaatgagaa	agaatacagc	acaacccttg	gacaaaatgg	aattagaaaa	360
tatatttagg	tttatagcag	aagcaagttc	aattgggttg	ttggaaag		408

<210> 1177
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1177						
aggcccagag	tcgggggaag	ttttgtgaga	gaagccacat	tagagaccag	aggagaagta	60
ccaatttggg	atgaccttct	accaaagacc	tcaccgattt	caaggacagc	tcagctgttc	120
ctatcctctt	tccctcattg	cactgttttc	tgtttatatt	tatatataca	tttgaatta	180
cttgactaat	atctgcacac	attgcctgct	ctaagctctt	cagcatcagt	cttttttatc	240
attttgtccc	acagtgtttg	acaagcaata	gttactcaat	aaatatcatt	tgaatgaatg	300
aatgaaccag	taaacgaagt	gacatttgaa	tatgcaagaa	accctaagt	ttgagaatcc	360

tggtggcag

369

<210> 1178

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1178

gacagatagg	agaaagctat	catatattat	gttctgtaga	atgcttcttt	tggtggcatc	60
agaagaaatg	acccatgttt	gaagatctga	atttaattaa	gtctacacag	aatatagttt	120
aaaggcgtga	agactttgct	attagtataa	taaatacttt	ttcttaagac	attgtttatc	180
tacagaagga	ctaccatatt	caagatttaa	aggtagattg	tttttgttca	catcattttg	240
atcttaggtt	ttgctggaag	cattcacatt	aagggggcct	ttaatttatg	tatgctttaa	300
gaatacttaa	tagctaattc	acataattaa	aaaaaaaaa	ccggcctagg	ctcgggtggc	360
ttaa						363

<210> 1179

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1179

gaggattgta	acagggaaag	catttagggt	tttcaggcag	aggaacagtt	ggccaaggaa	60
gtcagcttct	cagagctcaa	gagtagatct	gagtttaact	cattaaagat	ggcatggaag	120
agcagtgtca	taatgcaa	gggaagattt	cttctcttag	taattttatt	tctgccacgt	180
gagatgacaa	gttctgtttt	aactgtgaat	ggtaaaactg	agaactatat	cctggatact	240
acacctggct	cccaagcatc	tctgatatgt	gctgttcaaa	accacaccag	agaggaagaa	300
ctgctctggg	accgagagga	ggggagagtg	gatttgaaat	ctggaaacaa	aatcaattcc	360
c						361

<210> 1180

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1180

cacatgcaac	agaaaggcac	agttttat	caaacaaagc	agtgttttgc	tgtaacaccg	60
ttaaaaaactg	gaaaggaaaa	ctcaatcaaa	ccaaaaacta	gatgcttagg	aataaatggg	120
agaattctta	caaaaccacc	acgcttcaat	tcaatctaaa	tcaattcaac	aaatctgtgc	180
tgaaagtata	acatttaggt	ttcttagaca	ccaaatgaac	aatacaaaat	ccctcaaggg	240
acttagaaca	ttcaagtttt	ctatatctgt	ggttctaagt	ctgttaccaa	cttcaggac	300
tctgcttctt	tccctctgcc	cattaacaat	gcgggggtta	aagtgaactc	ctaccactat	360
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<210> 1181

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1181

ggcacgaggg	tggtctgcagc	cgctggcccc	aaaatgctgc	tggggcgagc	aggggtcagg	60
cgggaaaaga	agactccaaa	tccactctct	gctcgcccc	agggcaatgc	tgccaggaga	120

gggagtgggt	tccccgcag	gctatccac	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctcctctac	cccataaaat	ttccctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaaagtaa	gttctgaagg	attcctttca	300
tgcggtgaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtcgtgtt	360
ttaaaacact	atccctgtag	aaagattagt	gaaatgtatt	ggaagan		407

<210> 1182

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 1182

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aattccaatt	gtggccacca	cttccactcc	cggaatagtc	cggaacagca	agaagaggcc	120
ggccagccct	ttccacaatg	gcagcagcgg	cgggggctat	ggcgccagta	agaagaaaaa	180
agcgtccgct	tccagctttg	cgcaggggat	cagcatggaa	gccatgagtg	agaataaaat	240
ggtgccctct	gagtttagca	caggacctgt	ggaaaaagct	gccaaacctt	tgccatttaa	300
ggatcccaac	tttgtgcact	ctggccacgg	tggcgcaagta	gctggcaaga	agaacagaac	360
ctggaagaac	ctgaaacaaa	tcctcgcttc	tgaaagggca	ttgccgtggc	n	411

<210> 1183

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1183

ggcacgaggg	tggctgcagc	cgctggcccc	aaaatgctgc	tcgggcgagc	aggggtcagg	60
cgggaaaaga	agactccaaa	tcactctct	gctcgcccc	agggcaatgc	tgccaggaga	120
gggagtgggt	tccccgcag	gctatccac	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctcctctac	cccataaaat	ttccctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaaagtaa	gttctgaagg	attcctttca	300
tgcggtgaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtcgtgtt	360
ttaaaacact	atccctgtag	aaagattagt	gaaatgtatt	ggaan		404

<210> 1184

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1184

ggcacgagcc	ccagctgact	tgtgcagtgg	ttaattgaaa	ttattcaggc	aagagatgat	60
ggtgtcttgg	accaggggat	gaggaaggct	acaaaatgtg	tctacctgta	ttctgtgagg	120
agaacgtggt	ccctgggttt	agatactgtg	aagatggatc	aggagagagt	ttatctagac	180
tgttggggaa	aggtgttgcg	attccttcag	ctacacagga	ttgaaaggag	acattttctga	240
aggggaaaaa	ggaaatgaaa	gaaaagatgt	ttcagattga	ggatatgctg	tgtggtgaac	300
ttgtttcttca	ctctgtaggg	ttcacaaatg	actcttcact	gccctcttgg	atgaaataaa	360
ctggttccca	tagaaatgga	ccgtctctga	tttcacagtc	taa		403

<210> 1185
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1185
 gcgttgccgt cgaggatga ttctgaggat gactacgggtg aatttctgga tcttgggccg 60
 gctgggggct ctgaattcac taagccaagt ggccaaacag aaagagaacc caagcctgga 120
 ccgagtcata accaagcagc aaatgacatt gtcaacccca gatcagagca gaaagtcac 180
 atcttgggaag aaggtagcct tctttacaca gaaagcgatc ctttggaaac tcagaaccag 240
 tcatccgaag actcagagac agagctgtta tcaaactctag gagagtcagc tgctctagca 300
 gatgatcagg ccatcggaaga agactgctgg gtatgatcatc cttacttcca gtctctgaac 360
 caacagcccc gtgaaataac aaaccagggtc gttt 394

<210> 1186
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 1186
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 ttcttataag tgattgttgc atgtggtttt gtctagattt atctgttttt ggtggaagag 120
 ttattttaat acaagctgca ctggaactga cttttgaatt gaaacctctt tccatgcttg 180
 gttcaaacca atccctatac gtaatgggtta tgagcccaga gttggagcca gggtoctgaa 240
 ttcccacctc tgacactntc tggtctttaa tctctgacta tttgcttaac atctatgtgc 300
 ctccatttct atataacggt ttttacgggt tttatttatt aaacaaatgg ggatacccg 360
 accccgcgtg acacctgggtc aatcg 385

<210> 1187
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1187
 atttcctttg tgtttttctg taatttacag attttttttc ctcagtgagc aagtattact 60
 ttataaacc gaaaaaaccc tgtatttttc atcgagtatt taattaactt atgaagaagg 120
 ttattcattg tggcattgtt tgagtataaa ataacgaagt ccaacaacag aagacgggtt 180
 aaataaatca tgttatgtcc atgctgtgaa aactatgcaa ctgttttaaa aaatgagaca 240
 catctatatg taccattatg gaagaatccc aaactataag gatccactga aaaacaaaag 300
 gaaaaaaaag atgaacaacc actttggaaa gcagtttggc atgatttact gaagtcaaag 360
 gtatg 365

<210> 1188
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 1188
 aagccctgtg gctgggtaaa aatacaaaat tagctgggag tgggtggcaca tgcctataat 60
 cccagctact cgggaggctg agacaggaga atcacttgaa cccgggaggc agaggttgcg 120
 gtgagccaag atcacgcat tgcactccag cctgggcaac aagagcaaaa ctccatctca 180
 nattaaatgc gaggcaaata aaagaggggg gcggtttttt ctggaatgcc caggttgaaa 240
 aaaacttttt gggggcgcgcg gcccaccccc cttgtttgtt gaggaaaaaa aagggttttc 300
 tttgacaatt gtgtggcccc tgagggtctt tggggccccc cctataaata atagccccta 360
 cc 362

<210> 1189
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1189
 cctgccctcc tccacctgac acccccaacc aggcctgggg ctcggtgcct ccagctccaa 60
 gtccctcccct ctccaacagc cacttaaagg cctccctctg gctcttctca gagaagaaaa 120
 tcacaacaag gagagaggga ggaaaggcag tacttcaggg catggattca aatctgcatg 180
 taggagatgg aaaagcaagg tacgagatgg gcagagacac aggaagagca ggagatgtag 240
 ggtgtggcct tatcacttgc tgggaggtag ggggtgggaca actgagttag gagctggctt 300
 atagagcaga ctgtggagtt tagtcctgat ggagggtttct gaaagagaca tgggggtggt 360
 ggggtgc 366

<210> 1190
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 1190
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 agacacggcg cgtagggtcca caggcaactat ccaactggaa gttgaattgt gaggtagagt 120
 gaacaggaac cttccggctt ccggagggtt gtgtggccag tgactcaaag tgagaaggcc 180
 ctggaagtgc tcttacgtct catgcggcgc ctgcccctg gtcttctctg tctgcctcgc 240
 gtcataacta aggaggaacg agggccgagg agtgtaaggc ctcaactcga gcttgggtgc 300
 tgtttgcggt atccgaatcc cactagcacc tggaaacccc actgaagact ctgcactccc 360
 cacacggaac caggagaggt acgccatgac g 391

<210> 1191
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 1191
 ggaagaaaga gcttcctgca attcaaggac tgtacaaagc tgaaacgcag agattttcat 60
 attatttggg agactcagaa atgagctttt aagggtgttc cttgacttgc gggtcataag 120
 cgcacaatgg tgaagaaaag gctgccttct agtgacacgg tgttccggtt tgagactccg 180

ggcagcccaa	ggaaggccaa	cgtggaggcc	tcacgcagct	ccacagacag	ccccagctcg	240
gtgttcctca	gctcagaggc	tgagaatggg	gtggaggaga	aaaagaaagc	ctgcaggctcg	300
ccaacagccc	aatccccctac	cccatctgtg	gaggcggact	cctcagacca	gaagaanatc	360
attagcctat	ggtcn					375

<210> 1192

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1192

cggtgtgtgc	ggtcaccccc	ctcaggagcc	actcccaggg	ccctgtggcc	attcccagcc	60
tcctctgcag	gcaccgagtg	agcagcgctg	ggattctggg	actggagagg	gccctgggaa	120
ccctccaggc	ctgccccctg	gtgggtgagc	ctggttctgg	ggcctcccgg	agaatttttt	180
ttttcctgga	aaagagggag	ggtaggggtg	gagcgtgaca	cctgggcagg	tgtcccttgt	240
ctccatctcg	gccctgcatg	ctgttaactc	aggtgggtgtg	gctgcccag	cctgggcaca	300
gccaccgctt	ccagggtgctg	agtgtggcca	ccgacgggaa	ggtgctactc	tggcagggca	360
tcggggtagg	ccagctgcag	ctcacagagg	gctg			394

<210> 1193

<211> 395

<212> DNA

<213> Homo sapiens

<400> 1193

gagcatatta	tcaaggtaaa	atgcagcgctg	aatagtacct	gacaattttg	aaagctgtta	60
aagtccttca	ggcaagtttt	agaggagtaa	gagtttagacg	gactcttaga	aagatgcaga	120
ctgcagcaac	actcattcag	tcaaactaca	gaagatacag	acagcaaaca	tactttaata	180
agttaaagaa	aataacaaaa	acagtacagc	aaagatactg	ggcaatgaaa	gaaagaaaca	240
tacaatttca	aaggtataac	aaactgaggc	attctgtaat	atacattcag	gctattttta	300
ggggaaagaa	agctagaaga	catttataaaa	tgatgcatat	agccgcaact	ctcattcaga	360
ggagatttag	aactctaattg	atgagaagaa	gattg			395

<210> 1194

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1194

cgattcgatg	ggtgggtccgg	catcctcagg	gggtgtgtgt	tgtgtggggg	gtctctgagc	60
tgaacttggg	tgggggtggg	acttgttcct	cgggggcccac	ctttgtgtcc	ttgtcagcgg	120
tcgtcctgct	gtggcctggg	ttgcatttcc	tcttgggggg	ggtattgagg	acccccagcc	180
tggaaatgaga	aggggtcccc	gctccatgtc	agaacccaga	aagggtggatc	ccccactgt	240
tgactgcatg	aagtttttgg	tacccccctt	ttggtccaga	acccgtctgc	ctttcccttg	300
gggacaaggg	ggccttttga	tggcactggg	tgtgacctgg	acccagcccc	gcgctggcat	360
gatccagaaa	tggggcccgg	acatccttgc	gggcaggagg	caccgtcc		408

<210> 1195

<211> 362

<212> DNA

<213> Homo sapiens

<400> 1195

agatcagaat	aagagtctct	aggttatctg	ctcaacagaa	gctaagacca	ctctgatagt	60
cattataaca	gtttttcttt	agttacttcc	ataattagat	ttgttttttt	aaaaagcttc	120
ccccgcgtga	cttttcttta	aacatgggtt	taaaggatgt	gatcaattta	gtaatgagga	180
agttgttgaa	ggatgtctgg	ggtaagaag	ctgaaagctg	acagattcag	tgtaatccct	240

ttccccacag	gggctgctgg	agtcctctgc	agagaaggcc	cctgtgtcgg	tgtcctgtgg	300
aggtgagagc	cccctggatg	gtatctgcct	caacgaatca	gaacagacag	tcgcgctttt	360
ct						362

<210> 1196

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1196

cgttgctgtc	ggaacacgcg	gctagaaatc	atctacccca	ggaatttttt	tttttttttt	60
tttgggggca	ggtgggaaaa	aaaaaatggt	taaataaaaa	agggttttgt	tgggggtgcc	120
cggaaaaacg	ggtatttttc	tccctatggg	gaaactgggg	gagtacgcta	aaattttgcg	180
aaccgggggt	gggttaaacc	ccccccaccg	gcctcttttg	cgggttaaaa	ttggaagagg	240
ggggaaaagg	tttcctttta	tggggggaaa	aattggattt	atagtcaaaa	gggggcctat	300
ttttctgcct	gagaaaaaaa	cccccccgag	ggccaagggg	gtccctggat	aaccccccg	360
aaccaaaaag	gaaagggggc	gcttcctt				388

<210> 1197

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1197

cgttgctgtc	gggacatggc	acctttcttc	tgtttcctgg	aaaccattta	ccagaaagtg	60
acgggcaagg	agctgagata	cgagggcctg	atgggcaaac	ccagcatcct	cacttaccag	120
tatgccgagg	acctgatcag	gcgacaggcg	gagaggcggg	gctgggcccgc	ccccatccgg	180
aagctctatg	ctgtgggtga	taaccctatg	tctgacgtat	acggcgccaa	cctgttccac	240
cagtacctgc	agaaggcaac	gcatgatggg	gcgccagaac	taggggcccg	gggcacacgg	300
gagcaacagc	ccttagcaag	ccagagctgc	atcttcattc	tggtgtgtac	aggcgtctaa	360
ccatcccagg	aacccaaca	gtccacggag	cctggtcctt	ggaagagg		408

<210> 1198

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1198

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tctgaacaaa	atagatgatt	tgatgcaaga	gatcacagag	caacaggata	tcgccaaga	120
aatctcagaa	gcattttctc	aacgggttgg	ctttggtgat	gactttgatg	aggatgagtt	180
gatggcagaa	cttgaagaat	tggaaacaaga	ggaattaaat	aagaagatga	caaatatccg	240
ccttccaaat	gtgccttcct	cttctctccc	agcacagcca	aatagaaaac	caggcatgtc	300
gtccactgca	cgtcgatccc	gagcagcatc	ttcccagagg	gcagaagaag	aggatgatga	360
tatcaaacaa	ttggcagctt	gggctacctt	aac			393

<210> 1199

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1199

ggcacgagg	caaggttcac	gtacggccac	gcggggcacca	tctacaaaga	cttcgtgtac	60
atctcggggg	gccacgacta	ccaaattggc	ccctaccgca	agaacctgct	atgctacgac	120
caccggacag	acgtgtggga	ggagcggcgg	cccatgacca	cggcgcgcg	ctggcacagc	180
atgtgcagcc	tgggtgacag	catctactcc	atcgggggca	gcgatgacaa	catcgagtc	240
atggagcgct	tcgacgtgct	gggcgtggag	gcctacagcc	cgcagtgcaa	ccagtggacc	300

cgcggtggcgc	cgctgctgca	cgccaacagc	gagtcgggcg	tggcagtgtg	ggagggccgc	360
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<210> 1200
<211> 408
<212> DNA
<213> Homo sapiens

<400> 1200						
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gacaagacaa	cgggccgggtg	gaggtgtcca	cattgcagtg	cttagcgaat	gccacagacg	120
gcgtgcggct	agcaaccgcg	atcgtggaca	caccctgcaa	tgagatgaac	accgacacct	180
ttctcgagga	gattaacaaa	gttggaaaag	agctggggat	catcccaacc	atcatccggg	240
atgaggaact	gaagacgaga	ggatttggag	gaatctatgg	ggttggcaaa	gccgccctgc	300
atcccccagt	cctggccgctc	ctcagccaca	ccccagatgg	agccacgcag	accatcgcct	360
ggggggggcaa	aggcatcgtc	tatgaacctg	gaggcctcaa	catcaaag		408

<210> 1201
<211> 381
<212> DNA
<213> Homo sapiens

<400> 1201						
ggagcggagc	cgggagcgtc	gtggaaaagca	ttggacacat	ttccaccatg	ctaattggcat	60
tttaaatata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	acgctttcaa	gatgaatctg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gcccacacac	gagatacttt	cattgaagaa	cgctatggaa	300
aatataacat	cagtgatect	ttaatggctt	tacagagaga	ttttgaaaca	ctgaaagaga	360
taaatgatgg	cgaaaaggcg	g				381

<210> 1202
<211> 402
<212> DNA
<213> Homo sapiens

<400> 1202						
ggcacgaggg	gatgtctctg	gcgtggtgat	ggaatgtggg	cttgatgtga	aatacttcaa	60
gcctggagat	gaggtctggg	ctgcagttcc	tccttggaaa	caaggcactc	tttcagagtt	120
tgttgtagtc	agtgggaatg	agggctctca	caaaccctaa	tcactcactc	atactcaagc	180
tgctcttttg	ccatatgtgg	ctctcacagc	ctggctctgt	ataaacaag	ttggtggcct	240
gaatgacaag	aattgcacag	gaaaacgtgt	tctaattcta	agcgcttcag	gcggagttgg	300
tacttttgct	atacaggtaa	tgaaagcatg	ggatgctcat	gtgacagcag	tttgctccca	360
agatgccagt	gaacttgtaa	ggaagcttgg	tgacagacat	gt		402

<210> 1203
<211> 396
<212> DNA
<213> Homo sapiens

<400> 1203						
atcccatcga	ttcgaattcc	gttgctgtcg	gcccgggtgg	gctgaagtgg	aagcactgtc	60
cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	gagccgcctt	cacccccgtc	120
aggcctcctc	ccagccacgg	tcagccatt	ccatctgaga	ggcatgagct	ccaccttctc	180
ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	gccagacggg	ctccatcctc	240
tgtggcccac	accagcatga	gtgacaacgg	aggcttcaag	cggcccctag	cgccctcagg	300
ccggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	cctgcctcac	caagggtgcc	360

tccgggtcccc gactacgtgg cacaccccga gcgctg 396

<210> 1204

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1204

cgttgctgtc	gagcaaagca	gattatgagc	tatacaacaa	agcctcta	actgataagg	60
ttgctagtac	agcgtttgct	gaaaatagaa	attctgagac	tagtgatact	actgggaccc	120
atgaatctga	tagaaacaag	gaatccagtg	accaaacagg	cattaatatt	agtggatttg	180
agaacaaaat	ttcatcacgta	gtgcaaagct	taaaggagta	tgaggggaag	tggttgcttt	240
ttgatgattc	tgaagtcaaa	gttactgaag	agaaggactt	tctgaattct	ctttcccttt	300
ctacatctcc	tacttctact	ccttacttgc	tattttataa	gaaattatag	agtgagtgtg	360
ttttccttgt	gtatatatta	aacacaccca	tacaaacatt	ggtaaagtc		409

<210> 1205

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1205

ggcacgaggg	atgtaatgcc	tggaaagtat	acaatgaaaa	tctagttcat	atgattgaac	60
acgcacagaa	ggaacttcag	aagttaagaa	aacatattca	agatttaaac	tggcagagaa	120
agaacatgca	actcacagct	ggatctaaat	tgagagaaat	ggagtcaa	tggttatccc	180
tggtcagtaa	gaattatgag	attgaacgga	ctattgttca	gctagaaaat	gaaatctatc	240
aaattaagca	gcaacatgga	gaggcaacaa	aagaaaacat	cgggcaagac	ttctgaaaag	300
acaatttagc	aggtagaaga	aaagtgtggc	tttcacaaaa	ggcatctgaa	cttttaatga	360
actttgaagg	acaacagcat	cttcccaaaa	ccattggtg			399

<210> 1206

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1206

tcgaattccg	ttgctgtcgg	cctgggaaac	taaaattatt	tccagagaga	aacgacagct	60
gcgtaaacgt	gataaggtgc	tgactgattc	tggttcattg	gattcaacta	tccttgggat	120
agaaaatacc	atcacagtta	ccaccgagca	acttacaacc	gcattcattc	ctgttggttc	180
caagaagaat	aaaggtgatt	ctcatctaaa	tggtcaagtt	agcaacttta	aatctggaaa	240
aggagattct	acacttcagg	tttcttcagg	attgaatgaa	aacctcactg	tcaatggagg	300
aggctggaat	gaaaagtctg	taaaactctc	ctcacagatc	agtgacaggtg	aggagaagtg	360
gaactccgtt	tcacctgctt	ctgcaggaaa	gaggaaaact	gag		403

<210> 1207

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1207

ggcacgaggg	ggggagacct	gggatagcaa	gttcagcacc	atcgctcca	gctacgaaga	60
gtgccgggct	gagagcgtgg	gtctctacct	ctgtctccac	ccgcaagtgc	tggagatctt	120
tggtctttgag	ggggctgatg	cggaggacgt	gatctacgtg	aactggctca	acatggttcg	180
ggccgggctg	ctcgctctgg	agttctacac	acctgaggcc	ttcaactggc	gacaggccca	240
tatgcaggcc	cggtttgtga	tcctgagagt	cttgctggag	gctggcgagg	gactcgttac	300
catcactccc	accacaggct	ccgatgggcg	cccagatgcc	cgggtccgcc	tcgaccgcag	360
caagatccgg	tctgtgggca	agcctgctct	agagcgctt			399

<210> 1208
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 1208
 tataaatatt attgtatctg ctttcatttt attaaaatta tcattttattt tgttttataat 60
 cagcaatgca ttatatTTTT gaactatgca atatttactt ttttttttta gcaactcctt 120
 ttcaagaaac ttttttttaac aatcaaaata cacaatattt taaatagcaa ctgttattcc 180
 aatattctat ataaaatatg tcacgtacac aaaaagtcag gtttgtcaga tattatgaaa 240
 tctgtatata aaatatacac atatacatat atgtatacat atacaagcat aagtacttat 300
 ttattatagc aatctatgct ttttgaaaga cagtatggaa acaagtgaa 349

<210> 1209
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (350)
 <223> n = A,T,C or G

<400> 1209
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 ttgtaaataa gtaaggataa ttttttttac cccacacaac tattaagaga gtagatggg 120
 gaaaaatgca tggataatat gggctacctt ggttgaagct gaggctcagc tatacctaca 180
 tgtgaatttt gtcactatgt acattgggtt tgagcagtg gactttttca ctgagacaaa 240
 tgtcttagag ctctatgtat gttagaacaa agagagtggc ctccctgcct ttanagagcc 300
 ttacaatatt tcatagtagg tattatgcaa acagaataca aaaaagagct 350

<210> 1210
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1210
 tcaagagctc gaaaacaatc tcaatcattt acagggttgt gatcatttca cttgcattaa 60
 gccaactaaa gttgtatttg taaaagtaat gctatgaata ttactatttg acctagacac 120
 ataggttaga attggaaaca caggctataa agtatagtaa ttgtgtaatt gtgaaaatat 180
 taaggcttca actcaaaact gaaacacagt agggcttaga aatctttgaa ttatttatac 240
 ccctcagttt aaaaacttcc agtcaggcg cagtggctca tgctgtaat ccagaactt 300
 tgggaggcca aggcaggcgg atcacctgag gtcagg 336

<210> 1211
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 1211
 ccaaggtacg gctgctagaa cacgaccgaa gggccatagc taaattatct aactatgtta 60
 taaacattgg gaataactat gttataaaca ctgggaatta cagagaacta gtctggaatg 120
 gggctgactc taaaaatgct tataatcgct tggagaaact tggctcgtgaa taccaagaca 180
 ataaaagtca aacaaaatcc ttaatttagt ttactgcagt tgttcatgtg gcactgggcc 240
 ctatggaagc ccaaaaaaag tattcgtatt ataagtaaag ctgtgccaaa acatgttaaa 300
 gacttatatt tctttatact tatagaaata tttagagag 339

<210> 1212
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 1212							
cgggtgataa	cttttttggtt	acctgaagca	tttatgaata	caggtaagtc	tgtggctatg		60
ttatagaata	ttgaggcttc	cattgggtttg	acttccaaat	tagcgcttta	ttaaactcgg		120
tgtcagtggt	tgtacaccta	cttgggctgt	atcttttcta	ctgtgaaaca	tattttaact		180
gtgaaatgaa	tatttttaaag	aatcaccttg	gggccaggca	tgggtggctca	tgcctgtatc		240
tccaggactt	tgagaggcca	aggtgggtgg	atcacttgag	gtcaggagtt	cgacacagcc		300
tggccaacat							310

<210> 1213
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1213							
aggtgggttt	gtctagtttt	atctgttttt	gggggaagag	ttattttta	acaagctaca		60
ctggaactga	cttttgaatt	gaaacctctt	tccatgcttg	gttcaaacca	atccctatac		120
gtaatggtta	tgagcccaga	gatggagcca	gggtcctgaa	ttcccacctc	tgacacttct		180
ggctctta	ctctgactat	ttgcttaaca	tctctgtgcc	tccatttcta	tataagtgtt		240
tttaccggta	ttattttattt	aataaatgga	gaaacaaaga	ccaacatga	cacctggcaa		300
tttggtggca	gaacctaaat	ctcaggtgtc	ctaacttcca	gtccaaagca	tagagaaaa		359

<210> 1214
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1214							
ctttactttg	cagtagttgc	tcaaaattac	gagtaaaaga	aaggaaaata	gatagcttca		60
ggaatgatgg	aggggagagg	aatggcctaa	aagcaggatg	catagtgggtg	aaaagtaa		120
tattttacag	cttcactctg	agttggacca	atatagcata	aaacatttga	agttagtatg		180
attgtctgta	gccatgtggc	tggatgaatc	cacaatgatc	gttaaagggg	ccactgacaa		240
ataccataca	aaaaactgtg	acttatctac	ctagtcattt	acatcattat	acttctcaca		300
gtgaagaatg	agaaagtatt	ttaaaagtag	acatagcttt	aaaagatgtg	ctctg		355

<210> 1215
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 1215							
tacattgttc	aggtcttctg	tgttcttacc	caggcccccac	tcaacctttg	agctattcca		60
gtatgagagt	gaattagacc	tcccactatc	acggtcttac	tgtcatttct	catggcatta		120
gtcttaatat	tttttatatg	gtaattctat	gttcaagact	gtgaacatat	tcagggtcca		180
agttattttg	tgttcattaa	aaattttact	ttgaatcatt	atgaatagtt	cctagggtga		240
gcttcgggct	ccctgacccc	agagcagttt	ccatttgcac	gtgttgacca	tattctctaa		300
cccgtcccat	aaaattgatt	ctactatttc	ctgcttttgg				340

<210> 1216
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1216
 agaaattgaa ctgaaccgta aaggatagct gagaacagaa aatgcttgag aagaatatc 60
 ccataaagaa gtgataggaa ttaaaacagc aaatacagtt tgataccagg taatagagt 120
 gcttgaatcc agtttaggga atttggtttg ggtgtgtata tgtgtgtgtg tgtgtgtatg 180
 tgtgagagtg tgcgtgtgcg tgagagagag agattgcaca tatatattga cgtgtgacta 240
 aatagcggct gcaacctgaa cagtctatac tcttggaac ccacggggtg acattgtctt 300
 gtgcctggta ttggaagcac ttattggcag gcagatgatg gagacttagt atcgaggg 358

<210> 1217
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 1217
 tatctacggg atcataagtc taggtgtcta taattcagaa aactaccttt catttgttat 60
 ttgatgtttt tgtatatcca gagcgtatta ataaattgaa ttttaaaagt ctcttaaatt 120
 aaaggagcta gggtgggctc agtggtcac ccttgcaatt cttagcactta tggaggccga 180
 ggctgggtgga atcttcagag gtcaggagtt caagaccagc ctgaccaaca tggtgaaacc 240
 ccgtctctac tataaatata aaattagcag ggcattgggtg catatgcctt gaatcccagc 300
 tactcgggag ggtgaagcag gagaatcacc ttgaaccctt 340

<210> 1218
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 1218
 aggcagaaat ttcccataat gggtttacaag cttgggtggaa tatcaaacc ccatcagctct 60
 tggaatggaa aagaagttct cacacaaatc taagacctac caataataaa gataaaaaaca 120
 aacaaccaac aaaaaaaaaatt ttcaaacaaa aagaaaaaaa gggaccccc cccttttttt 180
 tggaaaaacc ctgggttttta agggccccca tttttctcc taccaaaaaa aaaatttggg 240
 acaatttttt caaaaaaaaaa aaaaaaatgtt gggaaatttt ttaaaccggc cccaatttag 300
 gcgccaataa atgggcgaaa aaaaaaaaaa attttccctg gttttaaaaa ccn 353

<210> 1219
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 1219
 cgttgctgtc gataaagtat tgtaaataga atagtgttga agatatgaaa tatggctatt 60
 tttaatggtg acaattatga ctttttagtca ctattaaatt ggggttacct atatcagtac 120
 aattttagt tgtttccagg tttggctaata atcattcct taacctagaa ttcagatgat 180
 cctggaatta aggcaggctc gaggactgta atgatagaat taaattagtg tcaactaaaa 240
 ctgtcccaaa gtgctgcttc ctaataggaa ttcattaacc taaaacaaga tggtactatt 300
 atatcaatag actatgaatg ctatttctag aaaaagtcta gtgccaaatt tgtcttatta 360
 aataaaaaa atgtaggagc agctt 385

<210> 1220
 <211> 351
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 1220

gaactgtgat	ggcctagggg	atgagataat	gcagcaaaat	aaaactgttc	ttcctaccat	60
ttttgtgcag	ttatTTTTTg	atttttttgc	tccattgtgt	tgtgacagta	tcttacctac	120
acttctgagc	tctcctagag	ctatTTTTt	tcttggaatg	ctaattgtgt	gtgtgtgtgt	180
gtgtgtgagt	gnntnnnnnn	nntnnnnttc	nnntttntnn	ntttttnttt	ccctntntct	240
tnnttttttt	gggggttttg	ttttttttgt	gctggncctt	ttgttctatt	gggggtgggtg	300
gggtgtttcc	ttgctgcctt	tgttgggggc	ccctcatttg	ttttttttta	c	351

<210> 1221

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1221

caaattattg	atgccaggct	gaaacttctc	tttcttttaa	taaagcactc	ttgaatgtct	60
cctttatggt	ttgctttgtg	atcatacttc	agttaatttt	tcaagaagaa	aaaaaagaag	120
atgaagataa	ggatgatact	gaacattact	aaatgattat	aatctccccg	ccattatgct	180
aatcactttg	agctataatc	tgtaatatc	agggaaatatt	ttatTTTTta	gagaatcagt	240
attttctcag	tttcatagag	atgcatatga	attgagtgtg	tcactaggga	agcggaacca	300
ctgagcaata	caaagtagga	atttatTTta	ggccggggcg	g		341

<210> 1222

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1222

accacatggc	tgcctatgat	acagagcctg	cttttgataa	tactactgta	ctaatcatat	60
cacttttagac	ttcagaatga	cacatgtgtc	catagataat	agctagggtg	ggctgagggtg	120
ggattatcaa	aggtccaatg	tgaaacagca	cggcacatag	tattgcccgt	tttaaaca	180
acaaaggctg	agtgtatgag	caatatatca	tttaagacac	ttctcaagct	gcagtgttat	240
ggaaaatggc	agagtgaac	cagcaatcca	aagtaaaata	taaacaacaa	ataccttcca	300
aagactcttt	aatatacaca	taaaatttag	acctactttg	agccn		345

<210> 1223

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1223

atgctattca	ggagaatcaa	agtaaaccgg	tgcaaagaag	cgtttgacaa	ttatgagcac	60
actttgttcc	ttgggaaaac	atacttggtt	agttagaaaa	aacaaattaa	aagaagaatg	120
agctacatgt	tgtactaata	catttcattc	ttcttaacac	taatgcatac	cttgagggtcc	180
ttagctgtag	cccctacctt	ccagggtttt	atagagtggg	gttgaatatc	aacaaaatta	240
aataccaaca	tttacataat	acaagctatt	taaacaatat	cattgcattt	atttggggct	300

tcaggtgaaga ttaaattaat tgtttaaacc atgcactttt tgaaaaataa ttact 355

<210> 1224
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1224
cggtgctgtc ggtcaggatg gtggattaac ctgtaccacg aatacttatt gttcattttg 60
aaaagacttt gttcttttca tttttatttg ggagtctttg tgaccagaga agttagggag 120
gagggttattt ttgtgttttg gggttggctg gtgggttggc tttgmnncg gccctacatg 180
accgatgaac aaatggttcc agatggctct gtgtccatag gcagccttga atagggcttt 240
acacactctg agacaatgac agcctgtgtt gactgaaccc tgacttgtgt tcaaccctgc 300
catagtgccg gtgcctttgc atgaattcga taatttgagc ctagcactcg ccttaagagg 360
gtggctctgg tacctccccg ttg 383

<210> 1225
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 1225
aactaatttg tacagattta aactacaaac tcccttccac cgcttgtaca gtagctggta 60
tctttactca agtctcacag tttcagctgc tgatttattt tattttattt agcctgggtc 120
cttggcattt gccataggct tgcataaaat agggtcggcc aaggatttga agagagtata 180
tacaatgatc cctcaatata catgtgggtt gattccagga cccctgagga tataaaaatc 240
cacatacggg cagtgtgtga tggctcacac ctgtaatccc agcactttgg gaggtcgagg 300
tgggtggatc acctgaggtc gggagttcgg ngccagcctg agcaacatgg agaaaccccc 360

<210> 1226
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1226
atatgttcat tgcaacacta ttcacaatag caaagccatg gaatcaaccc aaatgcccat 60
cagtgcacaga ctggataaag aaaatgtggg acatatacac catggaatac tataaagtcc 120
attttaacta gacatccctg ctgaaatccg ttcctcctgc cactgtctac ctattgcaga 180
tctgcaaate tccaggtcta tgaaactcaa tctttcaaac agtaacctgg tctaagcttt 240
attctcctat tacataaagc cacaaggtt atgtccattt tgcataagaa gaagctgagg 300
cctgaaaggc tgacttgctt atagtgtgtc ccaagttagc ggtggaagct cgg 353

<210> 1227
<211> 309
<212> DNA
<213> Homo sapiens

<400> 1227
ctaccattttt aaattaattt agcattgggtc tgttacaaag tgcataataat ttagattcag 60
aagaattggg cttcagttat acttttgtca ctttctcaat atgtaaccta ggataaatcg 120
ctccctcttt ttcaaatttg atgtgtacaa atgtaatatg aagtacttgg caacgtcagg 180
aacatttgat aaggcaaggt atataaagat atgtgtgtag ccaggcacgg tggctcatgt 240
ctgcaatccc agcccttggg gaggccgagg cgggtggatc acctgaggtc aggagttcaa 300
gacctggcg 309

<210> 1228
<211> 344
<212> DNA
<213> Homo sapiens

<400> 1228
aaacaagaag aaataactgt tatcagaatc tggagagaaa gttgtatggg gagggctacc 60
tgacaggagc tgtgactttt agtagagggg atgcagttag ccatggatta ccctgaggtg 120
aatgaaccag gctaataaat ataccagcaa cctccctcca ccatcaacta ggggtgattct 180
ataattttatt gtccaaagtg ggacaaccac tatgggcaat ttagtcatat ctattaaagt 240
tgaaattgtg catacataga attacactta cttattctgg agacactctc tcatacaggt 300
tgcaaggaga catgcaaaaag aatgttcaac agctacaaga actg 344

<210> 1229
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 1229
cttcctcttt catatgcaac caattccaga ataaagagaa ttctgaggtc ttagagaata 60
gaagagccac ctaaatgcct gcaccgatat gcatcagact gttaggtaag cgcacacaca 120
cacacacaca cacacactca cacacacaca aagacgaaga agattatgtt aaacttctaa 180
aactctgcag ttttatttta ctaagtaacc attaaactaa ttaaccagct gcctaataca 240
gacattggaa tatggagtga gaggtgctt gaatataact aaaatatgtg ggtgcttagc 300
gattatcanc acgctagaat tctagggatt catattatg 339

<210> 1230
<211> 340
<212> DNA
<213> Homo sapiens

<400> 1230
catttccact ctttttggcc tttaatcact catgatagcc ctttaaatgtg tcccttagac 60
tctatgatat ttgatagtaa aagaggtatt gaaagcatat tttctggtcc tctgctttc 120
agattcttcc ttctgtccct acttctgaga tggagactga gtaggaggat accaaactga 180
tctggagaag atgaactaga tatgctcaga ttatggacct tggcctcagt ggggagaaac 240
tggaattcta acccaccagt ccaactgtca tatccaattt taaactctgg ctgcgaacca 300
tggtcacac ctgtaatccc agcatttttg aaggccaggg 340

<210> 1231
<211> 340
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 1231
 agggagaagt ctagctcctg accaggtctt gatttccccg gccctgccct attcaagttc 60
 ctcaaattcc ttgaccccaa cccttgcccc ataagaaacc tccccatgac cctgaccctg 120
 acagagaact ggctgtgaaa atttttgcat tgacaacaga tattggaatg cagggattcc 180
 ctatctactt caggcacctt caagaatcag aggaggccaa gcatgatggc tcatgcctgt 240
 agtcccagca ctttgggagg ccagggtggg gagatcactt gaggccagga tttgagacca 300
 gcctggccaa tatggcaaaa ccccgctctt actaaaaatn 340

<210> 1232
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1232
 aactagatgg agtcctggcg ctactgtga ttgagaacac atgacaaact aatagggttta 60
 ctgggagagg ggctaagctg atctacttgc tgggttcaatt agctccactt tccggaggct 120
 agcattttcc caaccttgcc ccatgctctt gtgggtacat ttaccctatt tggggcctta 180
 gcgctttaca aatgaacgtt tcagtttaag agacattgcc acataactta tattaagtgg 240
 tatgaattca aaagcaagct ctgccactac acatcagaat ccagcactga aggaagtgtg 300
 gaagtcagaa agatggacag gaagatccct tcaage 336

<210> 1233
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 1233
 cttagtggct tttatccctt cggcatgcta ttttgctgat gtttctataa ttgcctcaga 60
 ctttcacatt tactagtagg gctgagagag gcttttagtga ggaaagaata ttcagaataa 120
 aacggttgag aaagctgaga agaccattga gttttgatca gttgtgaata gagtgc aaag 180
 ccatggccaa gctgtttttg gaaacgctgg ccggcgtgtc ttcagtggaa aaagcaaatc 240
 aaaatggagc gagagcaaag gggcgctctc agtcctcaac ctacaatcac tgtatggaat 300
 cggtcctggc agctgaacat aggaggtcac tggaacaagt gatagtgcag attggctttc 360
 aaacatcctc ctggcttgag ttt 383

<210> 1234
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1234
 gtattgactg aactaccaga tattgaggct tctttgctta ttagctgcat gactttgggc 60
 aagtcaagtt ccacctgagc cttgcaagtc aggcctgggg agtccaacca cccagaacct 120
 ttgagtctct gttagagagc aagacctctt cttaagaaac aaaaaataaaa caaaaaaaga 180
 gtattgggat atggggagtt tggctcctgt agaaagggtg gtctgggagg cctgttacag 240
 gagttaacat tggacctgag acctgaggat gaacagaagc catcctgaaa gaactgggaa 300
 aataaagagg tggccaggcg tgggtggcgca cgctgtaat cccatcactt tgg 353

<210> 1235
 <211> 243
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 1235
catagtcaag ataggctaaa ttatgctgag ataacaaaca aataaaaact ccaaaatctt      60
aatgccttta ataacaaaga tgtatttcct aatagtgcta catgtccctc tcagatcagc      120
aaagagatct ctgctcattg tatttaataa gaggcccagg ctgacaaagc tgctgccatc      180
ttgaatatag ctctttgatg tgccagacag aataaagaac tctgcaggat caccattag      240
can                                          243

<210> 1236
<211> 342
<212> DNA
<213> Homo sapiens

<400> 1236
atgctaactg agttaattag atgagattct gtagagaaaa tggacactat aagaaataat      60
agtgtccaga actgagttat aatgacctct aatatttaat gataaatgaa agaagaggaa      120
ctgatgactg aatctgagaa gaaaccaata aacttgtaat aacagaagaa caaaccagg      180
tggtgctaaa gaaatcacag ttcattcaaaa aggagggaca agtggacttg ccttggttaa      240
gatggactgc cttaccaaat atgacaaata ttaaaatatg tttagatttc aatgatgacc      300
aaatatgtaa ataagacact ggaattttatt cgtcaaattc ct                      342

<210> 1237
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1237
tttcaatctt tcgtcccaaa tgccatattc actacaagga acaggggttc cttggagaaa      60
tggctgaata taagtgtggg taaggaaata taaaaatgaa cctggaatat cttattatat      120
atatattaaa aaaaatctac tagattcacg tcaaaagtag ccagagacca acttgaagtt      180
tgttatttga gcaccaatgg ggatatgaac tggaaaccac aggttcatat tgacaggagt      240
taaaaaaaat actttgggtca gctttgaatg atgttcatt agcaagatta accaagaaaa      300
gggagaaaaa atctaaataa cctcactaag aaatgaaatg agagctatta caact          355

<210> 1238
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1238
cagggaaatt tgataagtta atcattatct cagccaacaa atctgaggcg gttaaaatac      60
ttttccttcc atatttgatt tataagcatc ttccccttga tgtgatttat cttttctaaa      120
gggactagat cattctaagc agaggaacaa tcatagcgaa ctgtgcctca ggctatttgc      180
agacgatgtc acttgagttt aaaccacaaa gacatttcag aaagaaaaca tttctatctc      240
ttaatatgta agccaagaga tatgaaatca tggcatcccc agagaaacac ctttccctga      300
tgtcaacttg gcgacttgca tctgcttttc tgatgaacaa agaaaagtat ttggctatgg      360

<210> 1239
<211> 380
<212> DNA
<213> Homo sapiens

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<400> 1239							
cgttgctgtc	gattaatttta	acaaatztat	ttagtggtgt	ctcagacact	tgagacactg		60
gagagttgga	ggtggatgaa	aggagaacct	tattcttttag	ttgttttacac	agcagagtaa		120
atatcacaaa	ggcaggtacc	ttgtcccttt	tgtcaactac	tgtgtctgca	gcatctagca		180
ccatgtctgc	catacagtag	gtgtttgttt	aatttttttaa	atgaatgtaa	agtacaggta		240
agtatagttt	tacatatatt	atcttccaat	tatttggtt	cctcatttca	tttctctcct		300
catagtgtgg	gaagaggaaa	gatttgagat	gaaatggaga	aacatcaaga	tgaaatgcag		360
agtatttaga	caagattatc						380

<210> 1240
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1240							
ggtttcacca	tggtgaccag	gctgggtctca	aactcctgac	cttaagtgat	ccacccgcct		60
cggcctccca	aagtgccggg	attacagacg	tgagccaccg	tgccctggcca	acattttattt		120
agttgaattc	ttaaaattta	tttttctaatt	agaataaggg	agagcattag	aagtagtttt		180
cataagacac	aataaatata	aacctgtcat	ttacctgtct	agccctgata	ttctgaaatc		240
tggaacttgg	gtttagaaca	aaatggattc	agttaatcct	tttttttttt	taaagagaga		300
gatttgtagt	aggctggctg	ggttattcat	tcattcn				337

<210> 1241
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 1241							
tctacggctg	ctataatacg	acagaaggga	attcaaggag	cgggtcacca	caagctgcat		60
aaacaaatcg	ttaccagcat	aaacagaata	tatagcagaa	tttattcttc	gaaaaaaata		120
cttactgata	ttcaggccag	gcacagtggc	tcttgactgt	aatcccagca	atttgggagg		180
ccgaggcggg	tgatcacct	gaggtcagga	gttcaagacc	agcctggcta	acatggcaaa		240
atcctgtctc	tactaaaaat	acaaaaatta	accgagtgtg	gtggtgggtg	cctgtaatcc		300
cagctacttg	ggaggctgag	gcaggagaat	cgcttgaact	cggggggcgg	cggttgcagt		360
gagccan							367

<210> 1242
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1242							
tgggtttgtc	agtttcaata	ggagattcta	tgtatttagt	ctccaaagaa	cccagaatta		60
tctgtgggga	gttttgaagg	agtgagccat	ttgtaaaaaa	cataatatgt	agggcatggc		120
aaacaggaag	aaaaagcaaa	aaggagcatt	agagtgacaa	aaggacaaac	ccaaaacagg		180
atttacatgg	aaacccatgc	cagcaacctg	catcagagaa	atgtatctgc	agccagcagt		240
atctctgctg	ccatacagag	gtctagaaat	tttgaaagtt	tataaggcaa	aaagagaaaa		300

gacaaatacc aagcaaggaa tcacagatgg aacaatcaga aggattacta aaacaagaa 359

<210> 1243

<211> 287

<212> DNA

<213> Homo sapiens

<400> 1243

ggaccctgcc	cctcacccta	cacaggctat	aggatctgga	agggaaggga	cggttcctgt	60
taatattctt	gcattcttaag	gacacagccc	acagggctctg	ttgggtgact	gactgattga	120
atgagcaaga	cttctagtta	tacatagact	gaaaacttcc	acttatctct	gcttcttttc	180
aaaatccac	taaaatatga	ataaatgcat	gttttaaaga	caaaaggagg	ccgggcgcag	240
tggctaacac	ctgtaatccc	agcgctttgt	gaggccgagg	cgggcgg		287

<210> 1244

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (245)

<223> n = A,T,C or G

<400> 1244

ggcagccttt	tcatagatat	actttaaata	ccctttgaat	aaattcattc	agcaatagag	60
ttattgagta	ttgtgcagag	gtataggggtg	atataattgt	gactaggtga	ctactttaca	120
ttagatagtc	ttctctgatg	ttaacattta	aatttaggac	ctcggctggg	tgcgggtggct	180
cacgcctgta	atctcagcac	tttgggaggc	cgaggagggt	ggatcacctg	aggtcgagag	240
ttcan						245

<210> 1245

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1245

cgttgctgtc	ggccaaatac	tgtgcttagg	gctctgtcca	gatcattcca	gttaatccgc	60
ccaagacccc	aacagcacag	gtgttgctat	atttttgtgg	tgaggaaactg	agaccaggg	120
aagtcacggg	actttgccc	aagtcacccc	gatgtcaagc	gttagagcaa	gaatttgaac	180
cccagagctt	aactcttaac	catttttgcta	actggctgtc	tctccaggcc	cccatcaccc	240
tttccatcac	cctccccctgc	cccaggggca	ttctatcaga	tggcagggtcc	cccctcgctt	300
ggctcagcat	ctccaattta	aagcttcatg	gatctccctc	ctggtgaagg	catgggaagg	360
atttcccatc	tcagaaactg	gacaag				386

<210> 1246

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1246

cttgtctctt	tttctccttt	tgtgaaccag	agattgaata	ctaggatagt	caaaagcaac	60
tacatatata	agaaaaat	gaaagtcatt	gtgcatgccc	agggaaaggc	acaggctcag	120
aaaagacctg	agaagacctt	aagtttacag	ttcagcctaa	tcttcagaaa	agaggcagcc	180
tacaacaact	acaaacaaat	aaacaacagc	aacaacaaca	aagcaaacag	caagcactga	240
ggaatgggag	gaaatctgat	ttccagagat	acaacactat	taggttcaga	agctcaattt	300
aaaaccaa	atcacaagga	gcacaaagga	acagaaaa			338

<210> 1247
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 1247
 cgttgctgtc gggaaaaatg tgggggtgtac caggggaaga ctcgagtgct gatggcggcg 60
 caaattccaa ttgtggccac cacttccact cccggaatag tccggaacag caagaagagg 120
 ccggccagcc cttcccacaa tggcagcagc ggccggggct atggcgccag taagaagaaa 180
 aaagcgtccg cttccagctt tgcgcagggt atcagcatgg aagccatgag tgagaataaa 240
 atggtgcccct ctgagtttag cacaggacct gtggaaaaag ctgccaaacc tttgccattt 300
 aaggatccca actttgtgca ctctggccac ggtggcgcag tagctggcaa gaagaacaga 360
 acctggaaga acctgg 376

<210> 1248
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 1248
 caaatactta ctgaccactg catggcaggc tctatgctga gcactgtgaa tacagaagtg 60
 catcttgata tggggattcg aactgcatgg agctcacacc gtccaacca gattgacgta 120
 cataataggt ccttgactaa aaaaatctca gaggctgccca ggccatagtg ctcacaccta 180
 taatcccagc actttgggag gccgaggcag gcagatcacc tgaggtcggg agttctagac 240
 cagtctgacc accatggaga aacctcatct ctactagaaa tacaaaatta actgcgtgtg 300
 gtggcgcagc cctgtagccc agctactcgg gaggctgtg 339

<210> 1249
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1249
 cccgcagggtg gaggagacaa ggtctttact gttcaccag gggctaggcc tcttccactg 60
 gctccctgaa tccccatgct ggccaccaag ggaaggagct atttctgcag ctggacaaat 120
 gaggaacacag aggcacaaaag cattctagca tttgtcgaag tggcacagca gtaggaactc 180
 tttccctggg ggccggccca ggagtatttt gtcccatgga gaactggaac agcatcagga 240
 cagtgaacca gcaggcagca ctggcagggtg tacatttaga agactgactg ttgcccggcg 300
 tggttgctca cgcctgtaat cccagcactt tgggagg 337

<210> 1250
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1250
 atcagatagg gtcgagaaca actgatccag acatatatac cgaagtgttc atgaaataaa 60
 gcgtagaagt tagtgacga atttgttctg ggcgtttgtt ttagtattcc agcattttgt 120
 ttctattgct aactgatgag aaatgcttta aacacataaa catgttctga tgtgtatgtg 180
 tgagacttgc gtttcccaac gttgcataaa ataagcaciaa ataagtgtaa aatagtgtaa 240
 aataactgca aatagcttta tcttacacag aaagacagggt gaacagctcg tctttaatct 300
 taagcataac atttgttttg gtaatcttat aaagattgct tcttgcacat tttta 355

<210> 1251
 <211> 268
 <212> DNA

<213> Homo sapiens

<400> 1251

aaaacaaaaa	aaaaaaaaaa	aaaaaggggg	gggggttttt	tctggaaccc	ccaccgataa	60
aaaacttttt	gggggggtgg	acaaccccc	ctttaaagg	ggggaaaaaa	ggggcttttt	120
ttgaaaaatg	gggacgtttt	ttgttttttt	ggcacccttt	aaagccccca	taaactgggt	180
aaaccccccg	cctgggcttt	tttttttttt	tcacgttcca	ggggaggggg	ggggagtttt	240
gctccctcca	gcagcccctt	ttttcctg				268

<210> 1252

<211> 291

<212> DNA

<213> Homo sapiens

<400> 1252

aaaaaaagct	taatagtcac	aatatatatg	ggattttttac	caaagaaaaa	cacaaaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aacccctcac	120
aaaacagcac	attaaaaatga	gacattttttg	gggtgggctg	gggtggctcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccaggtgttt	ggcacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	gaactaccga	tattaccag	g	291

<210> 1253

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1253

tgcattctct	gttatcttct	gtgaagttag	tcagtttcaa	ctttgccttt	gtgcttatgt	60
gtcattctct	gctctttgat	gttcaagtct	atattggctc	cagactctgt	tttatttaac	120
ctgtttgttt	tctttctaaa	aacatattct	atattcccg	tcaagagtgg	agctaacttc	180
acaggatttg	ggaaaattct	gattattcta	gccatacac	agaatgccca	ggacaaggaa	240
gacaccactt	ctctgaggaa	ttgtgccaag	aatacaagtc	ggatgaagtca	gcattgcacat	300
gttgaatgtt	tacaatgtgc	caggtacttt	catatactat	tc		342

<210> 1254

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1254

cggttgctgtc	gggggggatgc	acaggacact	ctgtgcctca	gttttcttat	ctgtaaaatg	60
gggcaaatac	ctaccaagtc	atagggttga	tgtaaagtct	agttgagata	atggagggtg	120
attttctttt	tttcttaagc	ttaaattttg	gatccatttt	gtgttgattt	ttgtatattg	180
gggtggaatt	tcttagaagc	tagaaagtta	ttaaattgctg	cttatgagcc	aaatactgtg	240
ccaagggtct	tgtccagatc	attccagtta	atccacccaa	gaccccaaca	gcacaggtgt	300
tgctatattt	ttgtggtgag	gaactgagac	ccagggaagt	cacggtactt	tgcccaaagt	360
caccccgatg	tcaagcgtaa	gagcan				386

<210> 1255

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1255
 tacggttgcg agaatacgac agaaggggcg tgagctactt ttttttttaa cagataatca 60
 acagggccaa agcaattaag tcattttccc agtcacttgg ccaataagca gcaagtcaat 120
 gaccagaaca aattatacaa ctttcatctt cccataactg atctaagcct accaaaaaaa 180
 cggtgagac tagacagaag aaacagtgtc accttcatcc ccggtcatct agtcaagaac 240
 tacgcaaaag ccatatgtaa cagaaatcta ggaccacagg ctacagtgcc atggcacaaa 300
 catggctcaa tgcagcctca acagcttggg ctcaagcaat tctccacct cagcctccag 360
 agtagctggg gctacaggca ta 382

<210> 1256
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (343)
 <223> n = A,T,C or G

<400> 1256
 gataggcctg aagaacacag ggcgctgcat ttagaaagga ggcgggggtca gaggaataga 60
 aagggatagg gctgaagaac agaggctcgct gcatttagaa aggaggcggg gtcagaggaa 120
 tagaaaggga cagggtgaa gaacacaggt cgctgcattt ataaaggagg cggggtcaga 180
 ggaatagata gggacagggc tgaagaacag aggtcgctgc atttaciaag gaggcggggt 240
 cagaggaata gaaagggaca gggctgaaga acacaggtcg ctgcatttag aaaggaggcg 300
 ctgtcagagg aatagaacgg gatacggctg aagaacacag gtn 343

<210> 1257
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1257
 gtcggttgtg acagtgaata atattcttctg acattgccaa atgttccttg ggaggcaata 60
 tcacccttcc ttttctgcca ggtagtctta tgaatttctc acagcagaat ttctctttcc 120
 atattcctat gggcattaga gaggtagaac atcagcattt accagacata tttgatacta 180
 agtccttatt tgtaagtca gagaagtctg aggttataaa atcattccct tcctcctcaa 240
 agagaagtga aatccttata ttgtagagat caccaagttt tcatagtcag acatttccac 300
 tttgtctggg tttttaaaaa acctatcaga gaaaacta 338

<210> 1258
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1258
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 ctcttttttc cccccggtct gtatttccca cattgcata tgaagtaaaa tgctcctgtc 120
 cctggtgctt actagtgtag tgatcatacc ccggcatcct gcttggggaa caaaacatcc 180
 caatacctgc ctagggcaaa tttggcaaac ctaaaaaaat atgagccac cgcatttaca 240
 gattccttac cacgaaaagg aaactccgca ttttgtgacc atttaaaaat tggggctata 300
 gctaccccaa cagcccg 317

<210> 1259
 <211> 338
 <212> DNA

<213> Homo sapiens

<400> 1259

catcatatac	tcatggcact	aaaccacagg	aaattctaaa	atttctagca	gtatttctgg	60
taatctaaat	aatatatata	aaagtgtgtg	tgcgcgtgtg	tgtaggtcct	ttgttaaacc	120
cttgtagatt	tatgattcgg	ggcgggaagaa	ttctttgctt	tagaaactat	cttggttcta	180
taatttttaa	aaaaatcctg	tcttttttct	gtttaaaagg	caatacttat	tcattttttt	240
aaaaaacagt	gacagtaaaa	agttaaaaaa	taagctaagt	agggactaag	gaaagagtaa	300
aagtcaaggg	tatctatact	gattaaagaa	tttttagg			338

<210> 1260

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1260

gtgcggctat	ggagaccag	gggcagccca	agtccttttg	aaccaagcag	ggagggggtt	60
tcagggtctt	tccagtgacc	caaggaggga	agggtgcgc	tgagatgtgc	cactttcagg	120
cagagagaga	gagaaagatc	tgggggtgag	gggtactaga	cctctggatc	gggtgtcatc	180
ggctcgctcc	ttggcatagt	ttcagacccg	attttctggc	tgactttcag	aactacagta	240
ttgctcaaac	tctgctgtgc	tcagagcctc	gtaggagaac	tggtgagaat	gcagatgccc	300
aggccctaac	cctggagatt	ctaattcaca	aggctaggga	g		341

<210> 1261

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1261

acgacagaag	gggtgttggt	ttgttccaca	tttaggatca	ttttcccagg	ctagattttc	60
agatgtggga	ttatgggttc	agatatggtt	tacacatttt	tatagttctt	aatacagatg	120
gccaaattgc	tttctgaaag	agaatctttt	cttaagtatt	tttctccaac	ttgtatctta	180
aacatcctga	acatgcttag	caccactgtc	ttgatataat	tgcggaaagc	cacgtctgca	240
cttttttagtg	ttgtggggcc	tgggataggc	aggcattctg	tgcttgctct	ttgtagctgg	300
acgtaaaatt	tcttttttct	gctgggcgcg	tgggtttttt	cccgaatg		349

<210> 1262

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1262

tacggttgga	gttgacgaca	gaagggaaca	cattaaaagc	cagagttcag	ggatatcaga	60
gctagatata	aaatgttacc	cttcaaagtc	agagagcctt	gagggttatgt	gtggaatacc	120
cacgaggagg	aagtccttaa	tcagttatct	tgcaaagact	cagcagaacc	tgggcataaa	180
cccagacttg	agcaaacact	aagacaatgg	ctcctgcaag	aactgtctcc	tctcaatatt	240
tggagtatgt	cagatacagc	agtgcctttc	agaatgtgcc	taacatccct	aaagaatttg	300
aatatgccac	tctttttttc	tgatttaaaa	ttttcttact	gttgacagagt	attaatttaa	360
aaagatgttt	aagactgttc	atg				383

<210> 1263

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1263

gagggtttcat	ttgtggcgag	atttctctccc	aggccacaag	acatttctctg	ctcggaacct	60
-------------	------------	-------------	------------	-------------	------------	----

tgtttactaa	ttgtaagtac	tttacaagta	agaacttggt	ttaaaaaactt	agcattcaaa	120
aaaaaagctt	tctttaaaag	atatttcgatt	ttcttggttt	ttttcttagc	atgttatatt	180
ttgaggttca	gctaaaagac	taagggtttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaattca	acaatttctt	gctaagcatt	ttgccagatg	ccaggctttt	caaagtagtg	300
taagatccca	gccttgaatc	ctcatcaatt	gctgctttct	gctgcaacac	ata	353

<210> 1264

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1264

gataggggag	agacagaagg	gaggaaaaga	tttttcttaa	ggagagcaag	aatcaatact	60
atgaaagtca	atttccttat	tcaaattcaa	agagaaattt	tgtaaccaa	aatgggagaa	120
ctactgaaaa	gtcagaagta	aacagaagac	tggagtagac	agtgaggagc	aaagataaaa	180
ggagagagaa	gattcaagac	agtcccccca	tttttattgg	tcttttagctg	tgctatttgt	240
gagtgggtag	atttgtttaa	aggctcaggg	tctggccggg	cgcggtggct	cacgcctgta	300
atcccagcac	tttgggaggc	cgaggcaggt	ggatcacgag	gt		342

<210> 1265

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(374)

<223> n = A,T,C or G

<400> 1265

cgttgctgtc	gcacgaagcc	ttggaaagca	tactttcacc	ccaggaaacc	ttaaaagaga	60
gagatgaaaa	tctcctcaag	tctgggtaca	ttgaaagtgt	ccagcatatt	ctgaaagatg	120
tcagtggagt	gcgagctctt	gaaagtgtctg	ttcaacatga	aaccttaaac	tatataggct	180
tgctggactg	tgtggctgag	tatcagggca	agctctgtgt	gattgattgg	aagacatcag	240
agaaaccaa	gcctttttatt	caaagtacat	ttgacaaccc	actgcaagtt	gtggcataca	300
tgggtgccat	gaaccatgat	accaactaca	gctttcaggt	tcaatgtggc	ttaattgtgg	360
tggcctacaa	agan					374

<210> 1266

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1266

aagactccat	ctcaaaaaaa	aaaggaagga	aaaggaaaga	aaaaaccctt	ggaaaagtag	60
gggattttga	aaaaaatttc	cccattttca	ttaaagagat	ggacatataa	ttttaaaaaa	120
ttcaaatacc	ctatgtaaaa	tgctatgtaa	aacacccttt	gcaaaaaccc	aaagtattca	180
aatttttgag	ggcatatggc	aaaaaaaaaa	atattaaggg	cagttaacga	cagggggcag	240
gccacataag	ggggaaacta	cttcaaactc	acaggggaac	tctcagcaat	atcccacagt	300
caaaagactt	taaaaaccca	tattcagcat	ttttg			335

<210> 1267

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1267

ctttgtttta	gaacgtat	gctcttcct	agaaacagac	tcagaaaaaa	aagaactatt	60
ttctctaaaa	tttaaaaaaa	tattttctca	aaagtgaac	ttggatatgt	aagggttttt	120
gctaaagc	tgctaacatt	agtaatagca	atgaatagga	attaatgaca	ttagaaatag	180
taataccaaa	taactgtgac	tagtgcaact	tcaaaaataaa	tttcattctc	ccacaaagct	240
cacaaattgc	tctttgctta	aagatcttct	tttggtgtgt	ttaacttttc	tagagcattg	300
tatatcttgc	ctaaaataaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctccg	360

<210> 1268

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 1268

ggacatgaag	aaagagcttc	ctgcaattca	aggactgtac	aaagctgaaa	cgcagagatt	60
ttcatattat	ttgggagact	cagaaatgag	cttttaagga	tgttccttga	cttgcgggtc	120
aataagcgca	caatgggtgaa	gaaaaggctg	ccttctaata	acacgggtgt	ccggtttgag	180
actccgggca	gcccaaggaa	ggccaacgtg	gaggcctcac	gcagctccac	agacagcccc	240
agctcgggtg	tcctcagctc	agaggctgag	aatgggtgtg	aggagagana	gaaagcctag	300
cggtcgtcct	catctgcata	ccatagccca	tttgtgtagg	cggagtctcc	agaccaga	358

<210> 1269

<211> 344

<212> DNA

<213> Homo sapiens

<400> 1269

tatctcagag	agtactggga	ttctgaaagt	gaaaggggta	taccaggtta	aagtatggga	60
gtgctggacc	aagctaacat	gttcaagaag	aaatatggga	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagatt	ggacaatgga	gaatgtttca	gtttatcaat	180
attggtgcac	tcttccatgt	aggatgattt	aactctgtga	tatgtaccct	ggaagattga	240
agaaaatatta	cgactatgta	ggatccttggg	cactagaagc	ttgctgaaag	cggattccac	300
tttaagcctt	gtagaaatgc	taagaggtgg	ccggtcgcgg	tggc		344

<210> 1270

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1270

atcttgggga	aggttaaaga	cacctggaga	atgaaatctt	ggattttact	ttcctgaaag	60
gctgaggcta	ggcataatc	tctgcctttg	ttccctcct	ttgtcttggt	taaatgttcc	120
tggccatact	gtacctgtgg	ttttattgtc	gtcctttttg	ggaacaagca	ggatataaat	180
cagtcagtga	aatttttagaa	tgtagctctt	tgggtctagca	tctaagtaga	taaagaagaa	240
atgggcactt	aataagtgc	tctggaggct	tgtgatttgc	atggggctcc	caatgaaagg	300
taaagtcttt	gcttagaggt	tacacacacc	gaatgcaggg	tggctc		346

<210> 1271

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1271
 gaagaaagag cttcctgcaa ttcaaggact gtacaaagct gaaacgcana gattttcata 60
 ttatttgga gactcagaaa tgagctttta aggttggtcc ttgacttgcg ggtcaataag 120
 cgcacaatgg tgaagaaaag gctgccttct agtgacacgg tgttccggtt tgagactccg 180
 ggagcccaa ggaaggccaa cgtggaggcc tcacgcagct ccacagacag cccagctcg 240
 gtggtcctca gctcagaggc tgagaatggg gtggaggaga aaaagaaagc ctgcaggctcg 300
 ccaacagccc aatcccctac cccatctgtg gaggcggact cccagaccn 350

<210> 1272
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 1272
 ctgagaacag agaggggatg gagcatgaca attagtgttc attgacattg ttgttgagg 60
 tccctaggta gggccagact gcaggcagcc agagagatgg cccaggccta gggagggttg 120
 aggacgggga caggtgcagg gccagcatcc ccaccactgc ctggcagctc cccagtaatg 180
 cagatgctgg gtggcttctt ggagagggca caatcctggg ggaggtgttg ggaggttanc 240
 cncnnntcnt tnnnnntaag gccacnaag tttcaggccg cgtggccaga ggaatgagct 300
 gagcatttgt tgtgctgcat gtaga 325

<210> 1273
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1273
 cggtgctgtc gccagagctt aactcttaac cattttgcta actggctgtc tctccaggcc 60
 cccatcaccc tttccatcac cctcccctgc cccaggggca tcctatcaaa tggcagttcc 120
 cccctcgctt gcctcagcat ctccaattta gagcttcatg gatctcctcc tgttgaagtc 180
 atgggatgga tttcccatct cagaaactgc acaagaaaca accttgaggt tttgaacaaa 240
 ggatattcaa ggagtattca agaataatc ttcataatcg tggcatgag acatgagaaa 300
 aaaggtgtct accacgtctt gtctctactc ataaagaaca ttggccagggt gcggtggctc 360
 acgcctgtaa tcccagcact ttgaga 386

<210> 1274
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1274
 cggggctaga gaagaacaaa ctagattctt gcaggcattc caaggaggct catcttgaag 60
 cccaacctga ccgaatgcac cagtagactc ggccaagccc ttccttatgg cccagga 120
 ctcccaagct atggcaccac aggaagccta tccaagctga ggaccaaga caagttaaaa 180
 acagggtcaa cggaagggc tgagaatcac tggccattc tgtacccatg cctttaaaaa 240
 taatacccag ctgcgcacgg tggctcacgc ctgtaatcct aacacttttg gaggtcaagg 300
 cagggtgatt acttgaggtc aggagatcga gaccagcctg gccaacatgg g 351

<210> 1275
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1275
 gatattgagg cacagagagg ttaaataaat catccagagt ctagaaagtg acagaactgt 60
 atttcaaacc agtatcttct tgattttctaa aagtctttac ttttttttat ttttttttgt 120
 ggaaaaaggg ttcgactttg tttccccggc tgaagagctg ggctgcacca ctacactaat 180
 gttacctcta cctcgcggtg ggaggtgtct gtttggtcga catccctgag tgacttggat 240
 agcagtatgc tcacctccgc cttcgccctca tttggtgatt ggatcaacca cggttttatt 300
 gtcagattgc ccactggggg gctatgcttc tacttcctca cagtctcttt aatcagtgg 359

<210> 1276
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 1276
 tagcctggct taatccacgt attgacttga acccggcacc tctgcatgct gggcacacac 60
 acatccacac aggtgagcac agtcgtgtgc acctgcacgt tacacagggtg aacttttctc 120
 atccaggcct gaggtttcca ctgcatctta aacacttagc cgaggtgtgt caggaccagc 180
 aatgttgtct ttgcggccct t 201

<210> 1277
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 1277
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcggt tctcaggtaa aacatggcta 60
 aaagcttacg gagtaagtgg aaaagaaaga tgcgtgctga aaagagaaaa aagaatgccc 120
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180
 atgttcaaga gatagcaact gtggtggtac ccaaaccctaa acattgccaa gagaaaatgc 240
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300
 aaaagactct tctagaccag catggacagt acccaatatg 340

<210> 1278
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 1278
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcggt tctcaggtaa aacatggcta 60
 aaagcttacg gagtaagtgg aaaagaaaga tgcgtgctga aaagagaaaa aagaatgccc 120
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180
 atgttcaaga gatagcaact gtggtggtac ccaaaccctaa acattgccaa gagaaaatgc 240
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300
 aaaagactct tctagaccag catggacagt acccaatatg gatgaaccaa an 352

<210> 1279
 <211> 386

<212> DNA
<213> Homo sapiens

<400> 1279
cgcttgctgtc ggctgggaga cacgaggggtc acaggcatgg agaatggaga tggaggggga 60
gcccgggtccg tgggccccaa gagccgagcc ggacgaggga tggagtgggg agacgcagga 120
gggagggtgtc tagggctggg gaatggagtc gtgtctggca ccccggtggg gactgtattg 180
gaaggcagcc cagaatgggc agcggcgagg agtgaacacc tggctgcagg tgacggcctg 240
caggaaggag gcgaagatgg cccagggaa ccaaaggagc tttgccgacc cccgggagag 300
ggagagggtgg actgggaacc cctggccaaa ttccgagcag cctgcgggcc agagctggca 360
gacctggtgg ctgaggagtt ggcctt 386

<210> 1280
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1280
gagcggagcc cggagcgtcg tggaaagcat tggacacatt tccaccatgc taatggcatt 60
ttaaataatat ttggcaattt tcccaatttt ttactgaaga aaactgtaag tttataacttg 120
aggactgaag tgtgactctg ccgattatca ggctttcaag atgaatctgg aaaaactcag 180
caagcctgaa ctctgacac tatttagtat tcttgaagga aagcttgaag caagggacct 240
tggtatataa gcctttaaag cccaacacag atatactttc attgaagaac gctatggaaa 300
atataacatc agtgatcctt taatggttct acgagagatt ttgaacactg aagagaaaaa 360

<210> 1281
<211> 352
<212> DNA
<213> Homo sapiens

<400> 1281
gggctcagag gagagaactc ccagaggggtc tgggcccctcc ccattcagag cattgagcca 60
gaccaggcct gtcgtgggtca cctgcatgga atcttctccc tacttaggca ctgccaggcg 120
gaccatcttc tggatgagaa gggcaggggca caatgtctcc tccagagaga gatggtacag 180
tctctggagc agcaggtaat gccagggcgg tggagggtaa gggataggga tagtgcgcaa 240
aaccttctgt ccaccatgtg ccagaaaacca agttcacctg ggacgagggc tggataaaag 300
gaaagaagag gagcggggcac tcccagggaa gaccgtagcc tgggcaaaga tg 352

<210> 1282
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1282
ggagcggagc ccggagcgtc gtggaaagca ttggacacat ttccaccatg ctaatggcat 60
tttaaataata tttggcaatt ttcccaattt tttactgaag aaaactgtaa gtttatactt 120
gaggactgaa gtgtgactct gccgattatc aggctttcaa gatgaatctg gaaaaactca 180
gcaagcctga actcctgaca ctatttagta ttcttgaagg agagcttgaa gcaagggacc 240
ttgttataga agccttaaag gcccaacaca gagatacttt cattgaagaa cgctatggaa 300
aatataacat cagtgatect ttaatggctc tacagagaga ttttg 345

<210> 1283
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1283

ggagcggagc	ccggagcgtc	gtggaaagca	ttggacacat	ttccaccatg	ctaattggcat	60
tttaaatata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	aggctttcaa	gatgaatctg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gcccacaca	gagatacttt	cattgaagaa	cgctatggaa	300
aatataacat	cagtgatect	ttaatggctc	tacagagaga	ttttgaaaca	ctgaaggaag	360

<210> 1284

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1284

cggggacgag	ctggaggacc	cctatcctag	acagatgagc	ttcttctgat	atacacggga	60
ctcgggggag	gctaacgacc	taggagtatc	caaccagcac	cgtaacacac	agaaccactt	120
caactcctgc	tttctctcca	tgtgtacaca	atgtgacagg	gacggggtag	ataagacatc	180
tccttcaggt	gaaacagcta	cctcatccct	ctgtagtgtc	acaaacacat	ccatgatgac	240
atcagagaag	ataacagtga	caacctccac	aggctccact	cttggaacc	caggggagac	300
atcatcagta	cctgttactg	gaagtcttat	gccagtcacc	tcagcagcct	tagtaacagt	360
t						361

<210> 1285

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1285

ttcgcgggccg	caaattcttc	ttcttcccct	gtccctcctc	cccaccctg	cagtttgcac	60
tctataagaa	gatgaccag	gcggccatcc	tgatccagag	caagttccga	agctactatg	120
aacagaagcg	atttcagcag	agccgcccag	cggctgtgct	catccagcag	cactaccgct	180
cctaccgccc	caggcccggc	cctccccacc	ggacttcggc	caccctgcct	gcccgaaca	240
aaggctcctt	tctaccaag	aagcaggacc	aggcagccc	gaagatcatg	agattcctgc	300
ggcgctgccg	acacaggatg	agggaactga	agcagaacca	ggagctggaa	gggcttcccc	360
agccgggact	ggccacatg					379

<210> 1286

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1286

ttcgcgggccg	caaattcttc	ttcagcccct	gtccctcctc	cccaccctg	cagtttgcac	60
tctataagaa	gatgaccag	gcggccatcc	tgatccagag	caagttccga	agctactatg	120
aacagaagcg	atttcagcag	agccgcccag	cggctgtgct	catccagcag	cactaccgct	180
cctaccgccc	caggcccggc	cctccccacc	ggacttcggc	caccctgcct	gcccgaaca	240
aaggctcctt	tctaccaag	aagcaggacc	aggcagccc	gaagatcatg	agattcctgc	300
ggcgctgccg	acacaggatg	agggaactga	agcagaacca	ggagctggaa	gggcttcccc	360
agccgggact	ggccacatga	cctg				384

<210> 1287

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1287

cagaagacat	ctcctgtggg	gtgaaacagc	tacctcatcc	ctctgtagtg	tcacaaacac	60
atccatgatg	acatcagaga	agataacagt	gacaacctcc	acaggctcca	ctcttggaaa	120

cccaggggag	acatcatcag	tacctgttac	tggaagtctt	atgccagtca	cctcagcagc	180
cttagtaaca	gttgatccag	aaggacaatc	accagcaact	ttctcaagga	cttctactca	240
ggacacaaca	gctttttcta	agaaccacca	gactcagagc	gtggagacca	ccagagtatc	300
tcaaataaac	accctcaaca	ccctcacacc	ggttacaaca	tcaactgttt	tatcc	355

<210> 1288
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1288						60
attggaagaa	ccaacatcta	taagaataaa	aaagattatt	atgatatgta	tgagccagaa	
gaagtgaaaa	ttttcagatg	tccatctcct	atctactttg	caaacattgg	tttctttagg	120
cggaaactta	tcgatgctgt	tggtcttagt	ccacttcgaa	ttctacgcaa	gcgcaacaaa	180
gctttgagga	aaatccgaaa	actgcagaag	caaggcttgc	tacaagtgac	accaaaagga	240
tttatatgta	ctgttgacac	cataaaaagat	tctgacgaag	agctggacaa	caatcagata	300
gaagtactgg	accagccaat	caataccaca	gacctgcctt	t		341

<210> 1289
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 1289						60
atcaaaaagga	gacttaagtg	attgagaaaa	acatagtggg	atccggaaaag	aatgacacct	
gaaacaaaaga	tggtgagtat	aataacccat	ctatcctgtg	tgtgggttgt	ttttctcaga	120
atgagggaga	agctataaag	caaatatctt	tatctttatt	tacaataact	cataagtaat	180
ataaacactg	acttggctct	tattataact	gtatctaggg	taccatgaac	tttgagtgcac	240
tgagtgaaga	tggcagaccc	atactgtatc	taactataga	cactttttga	ccaataaaca	300
n						301

<210> 1290
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 1290						60
tagtggttttc	attcccagat	gtcaagcaaa	gaagtggagt	tataaatttc	tcgactagat	
aaacctacaa	cagcttagaa	tacatttggt	ttaaaatgtg	attaaattat	tataataaag	120
ttctcataac	tctaggacaa	aactactatc	tttgtacaag	gtatacattt	tttccttat	179

<210> 1291
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1291						60
gtttaaaaca	ttaaaagtaa	agggttatat	aaacattcat	aagaatatta	aaatgtgctt	
caaagtaaac	atcaggtaca	tcaaaaataa	tttaataaat	tagaagtcac	tttaggcata	120
aataaaaaatg	ctatctttca	tttatccgta	tgccataaat	tgtctcttct	aagcggaaaa	180
aaaccacttt	gtttaacaca	gatttttcct	tattgttaatt	agaaatgcag	atggaaagac	240
taaattaggc	aatggttgac	aggaggaaaag	acatttgctt	taaaatcggt	gggagtgcatt	300

tcaagttcaa atc

313

<210> 1292
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 1292
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atgaaatggg gcaggagaag agggggaaga aagctaaata actgattttt ttaagaatgc 120
cagattaagg ccgggcgtgg tggctcacgc ctgtaatccc agcacttttg gaggccgagg 180
tgagtggatc acctgaggtc aggagtttga gaccagcctg gccaacatgg tgaaacccccg 240
tctctactaa aaatacaaac attagcaaga tgtggtgtca cgtgcctgta atcccagcta 300
gtanggagggc tgaggcaaga gaattcgntg at 332

<210> 1293
<211> 322
<212> DNA
<213> Homo sapiens

<400> 1293
taaacagcat catatagtgt ataatgaatt acaatttggt attattttaac ggtgcaatta 60
gaactttttt tccccacata ttggtacctg taagttaata tcatectctg taattattat 120
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180
gatggatata aagaatagaa acaggtacag ctgtggagaa tgcaaccatt taagagtggg 240
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300
ggaacagaag tgttgatgga aa 322

<210> 1294
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1294
acttcaaadc tatatttttg gccctgagct gttgccca tttcactcac aatgtaatac 60
tcagaagcct gactgctttg tctctacctt gtcttctggt cttctgtaat catttttccc 120
ctttttaaac cttttacttt gaataattca aatttataga aaagttgcaa taactggcca 180
ggtacagtgg ctcatgcttg taatcccagc actttgggag gccaaaggcg gtgtatcacc 240
tgaggtcagg agttccagac cagcctgggt aacatatagt gaaaccccat ctctactaaa 300
aaaatacaaa aattagctgg gcattggtgg ga 332

<210> 1295
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1295
gtatgtaata agaaaattaa ctctcattta agttagtgat ataattggaa aggaagtagg 60
agaaaatcat atttataaag aaaaggataa acttaagggg gtttaactttt tataatagct 120
ctaaaatata atttgtctct acctgtcttt tagaaggcag tagtatcctc actctcagaa 180
cttcaaaatt aagcaaaaaca catagatact ggaaaagtc ccttagcatc tccccttagt 240
aatgccttct gagaataaaa gtttagtcca aattccagta tttatcaaat tcaactgggc 300

aagaatgccca gcttctaaac attg

324

<210> 1296

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1296

gtttcactgt	gttggctagg	ctggctctcaa	acttttgacc	tcagatgac	ctccctgagc	60
caccgcgtga	gccaccagcg	tgagccactg	cgcccagcca	aaagctttta	cacatctttg	120
aaaagtcttc	tgtgtgataa	ccattttgtt	tcttatatat	gataaaaagct	ttaatctggt	180
agataataag	aaaattctga	agaataacta	tgattgtgct	acataattaat	atcaattatt	240
ctctgccaaag	aattgcatat	aacatactta	atactaatat	taaatatatc	tttcttttcc	300
ttcaattatt						310

<210> 1297

<211> 308

<212> DNA

<213> Homo sapiens

<400> 1297

gggacaattt	gacatgtatg	taaaaagctt	taaaaatgta	atgtatatta	cattatcata	60
catattaatg	tatattacat	ttaccctttg	actcccacaa	ttctactatt	aaaaatgtat	120
cctatgggga	ataattacgt	tttaactata	aagctgcgta	aaaatcaaac	tccgcaagaa	180
tatattacaa	accagctttg	aaactattaa	ttttactttc	ttttatagat	tttcagtgac	240
tctttcacaa	ggaccaatta	tttttaaaag	agttatttta	atgtagttaa	caatagggtg	300
aatttaatt						308

<210> 1298

<211> 207

<212> DNA

<213> Homo sapiens

<400> 1298

tggtacaggg	agaagtctag	ctcctgacca	ggctctgatt	tcctcgcccc	tgcctatttc	60
aagttcctca	aattccttga	ccccaacctt	tgccccataa	gaaacctccc	catgaccctg	120
accctgacag	agaactggcc	gtgaaaattt	ttgcattgac	aacagatatt	ggaatgcagg	180
gtttccctat	ctacttcagg	ccccttg				207

<210> 1299

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1299

aatccattct	cacaaaataa	agcaatttta	aaattaaaat	taggtgggtt	cattctattg	60
cttatgatca	aataaaacat	ttctctggct	ttttcttgca	catagacata	atccaagtat	120
tttttcacat	gacctacaaa	tctctgaatg	atttggtctt	ttccacttct	ccagcatcat	180
cgtctacaat	cattactaca	tccctttctc	tctgcactga	cagcttcttc	caagcttttt	240
tctgctccca	gccctttgaa	ttttctcttt	tcttttcttg	atcttgacat	agctgagtct	300
ttttctttat	taaaattgta	gacacagcag	catt			334

<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 1300
ctaccatttt aaattaattt agcattgggtc tgttacaaaag tgcataataat ttagattcag      60
aagaattggg cttcagttat acttttgtca ctttctcaat atgtaacctt ggataaatcg      120
ctccctcttt ttcaaatttg atgtgtacaa atgtaatatg aagtacttgg caacgctcagg      180
aacatttgat aaggcaaggt atataaagat atgtgtgtag ccaggcacgg tggctcatgt      240
ctgcaatccc agcccttggg gagggccgagg cgggtggatc acctgagggtc aggagggtcaa      300

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<210> 1301
<211> 327
<212> DNA
<213> Homo sapiens

```

```

<400> 1301
tccaaatgag gcaccattca tcacagcttc tttctcatth ccattctagt ggtaagagggt      60
ttctcttctt aaaactacaa tttcttaacc tttaacaagt atttaacatt ttctatcata      120
ttaaattagc aacataaaaac attatccttt atctataaac ttctagtctg gttccctaga      180
gtttatatac acgtttttat ttctaattctg caagaaaaaa aattcctatt tgttatttgg      240
taacagagca ttaaaagata ctatacacat gtggtgcata tatatatata tacacacaca      300
cacacacaca cacacaaaat acactttt                                     327

```

```

<210> 1302
<211> 149
<212> DNA
<213> Homo sapiens

```

```

<400> 1302
ctcacacccat gaagtcaaac cctcaaagat ctacagcctc agtgaaaagt tggataagaa      60
aaacagtctg ctcaccagca ctggacgaca agaaggaagc ttatctgact ctggatgaca      120
aggacggggg aaaagtctct tctaagaat                                     149

```

```

<210> 1303
<211> 334
<212> DNA
<213> Homo sapiens

```

```

<400> 1303
ggctgctttt tactcctttg aaaatattat ttcatgcatt acttctcggg agtacaattg      60
aatccttttc tcattttcct agacagttta tgtcgactgg acctaaaacc tgaaaaggta      120
atattttacaa atttgaacac atatatctgc ctctctgaat atctccattt aaatgtctct      180
taatgtctta tcagctcttg aaaataatta gcaaatggag tagatgcatg acatcataat      240
ttctgatctc acctcaaaga acaacaaaag tctactatga attcaatagt gaatttttaat      300
gattttttgca ctgcattcat tacatctata taca                                     334

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<210> 1304
<211> 333
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

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<400> 1304
acctattttt ttattgtttt cctgcatatt ttggaatgat atcttgagat tcgtgcttta      60
tgccaaagcc tcacttgatt agggaaatatt gagtataaac cattgagaaa gcaacagtct      120
cttgagtttt actaattggg gtgtgtgggg tgtgtgtgtg tncntntgtg tgtatgcata      180

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tgtggatatg	tgtatgtata	ttaaagatat	aagtaagaat	tttggaatat	gaattatatt	240
ttgggtttaaa	aaaagagggg	agtttttagtt	gtgttagtta	tgtaataaaa	ttgggtttaaa	300
aattaggggtg	aagtggggggg	ggtatttttgt	tag			333

<210> 1305
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 1305						
cacttgtttg	taaaaggcaa	gcagaacaca	cagaaagata	attgagttga	atthtttagcag	60
tatgctttct	gcctacacat	taaagaataa	attattaaga	cagaatccac	agacccccca	120
aggatatttg	aacgtacatt	tttctgatga	gatagcacia	cactttgagg	agatgctcag	180
agaagttcat	gacctttgac	aagcaatttc	tgcattaggg	aatatacttt	aagattttat	240
tctcagaata	cttcaaaaata	agctataatg	gtaacaattc	cctaaattca	aggattttctc	300
atgaattatg	ccn					313

<210> 1306
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1306						
aatgaccaca	tttcacaatt	gaacagggga	tattattttca	tactataata	ttattttcaaa	60
ctataataaaa	gaactggctc	ctgtagaaga	gaagggaaat	tatttttctat	gatccaaaga	120
attgaaatac	atatcagtta	tagtaagatt	caattgtagt	agcaaaaaca	attggaaact	180
atttaaattgt	gcatcaatac	aggaaaatgg	tgacatgtac	tgtaatacat	ccatacaaaa	240
gaatactgtc	ggccattaaa	agaataaagt	acatccttgg	ctgggtgtgg	tggctaacac	300
ctgtaatccc	agcacttttg	gaggctgagg	g			331

<210> 1307
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 1307						
attttaacag	caaatatctt	tctttgttag	tgattttaa	cagctgacta	taccttgctt	60
aaatccagct	tctcacaaaa	tagaataaac	agcacatggt	tttatgattg	caccaaataga	120
ttcttaaaaa	ttttcccttt	gataaatatt	gtttctacct	atgtagacat	aatgtggcga	180
tttggagagt	gacattagct	tatgatcaaa	taggattcca	tgactgaaaa	cagaagggaag	240
atactttctt	tctttttctt	tttcttttct	tttcttttact	ttccctttct	ttcatggagg	300
tgtacttttg	ctgcccaggc	tggaattgag	tga			333

<210> 1308
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1308						
tcgaactcct	gacctcaggt	gatccacctc	gcctcagcct	cccaaagtgc	tgggattaca	60
ggcatgagcc	accatgcccg	gcctactctt	taataagtgt	aaaatatctg	tgatgaaaca	120
acttagtctt	taatcaaaca	atataccgta	ctgtatctta	ttttttttaa	aaaatccaaa	180

tttatttaaag	ttcagagtaa	tagagtttga	ccaaatttca	ttagcctttc	taaaacacag	240
aatgatgtgg	aaaacataaa	gggattacga	tagggaatct	cacttaagat	ccaaggtaat	300
tttggcaata	aactaaaaat	tttcttg				327

<210> 1309

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1309

ttagcaaaat	gcctcttcga	catctatggg	atcattttaa	aaatgttttg	ggggacttaa	60
ttataattct	cctctaagct	tttgaagctt	agctaagact	attacctatt	ctcttggggt	120
ttgctaccac	catgtgctag	tatgtgacag	atgttttagat	ggctgtgacc	aggcagactg	180
gtcacttcaa	aacttgtttg	agccatatgc	aagagaaaaac	ataatgtcga	gacagaaagc	240
tgaaaaatgt	gtaaacaata	aaattaattt	ggtaagttat	gaccaacagt	attcttttta	300
atgagataaa	ataagtatat	cagaatacat	tgaac			335

<210> 1310

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1310

gagttttcat	ttgtggtgag	attctctccc	aggccacaag	acatttcctg	ctcggaacct	60
tgtttactaa	ttgtaagtac	tttacaagta	agaacttggt	ttaaaaactt	agcattcaaa	120
aaaaaagctt	tctttaaaag	ttatttgatt	ttcttgtttt	ttttcttagc	atgttatatt	180
ttgagtttca	gctaaaagac	taaggttttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaattca	acaatttctt	gctaagcatt	ttgccagatg	ccaggctttt	caaagtagtg	300
taagatccca	gccttgaatc					320

<210> 1311

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1311

caaccttgac	aaatagaatt	ataggagctt	acatgttctg	attgatagat	gagcagactt	60
tacaataaaa	attataaaaag	gtagatagat	attttatgct	tgcattagaa	aatatgtagg	120
ccaaccaggc	agtggctcat	gcctgtaatc	ccaacacttt	gggaggccaa	ggtgggcgga	180
tcacttgagg	gtgggagttc	aagaccagcc	tggccaaatt	ggtgaaaccc	catctctact	240
aaaaatacaa	acattagccg	ggcatggtga	cagccgcctg	tagtcccagc	tactcgggag	300
gctgaggcag	gagagccgct	tgaaccctgg	agtcg			335

<210> 1312

<211> 268

<212> DNA

<213> Homo sapiens

<400> 1312

aacccccactg	taggagcact	cttgaagaaa	atctgcctta	ccatctttta	caagagttta	60
aaaatacttt	tttcttttaa	aggtacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	taggtttctt	taaagaaaac	aataataaaa	180
gacccaggcc	aaatctattt	taattcataa	gaatcttctc	ctaagtaggt	gcttcattcc	240
attaagctta	aatcaaccca	aactgaag				268

<210> 1313

<211> 125

<212> DNA
<213> Homo sapiens

<400> 1313
tacgttcttc taaaacacat attgtgaatt aatagaaata ctattgaaaa attggaaacg 60
taatttgaaa tcattcaaaa gcaaacgcct ccacttgagc cctattagag gaatatgaac 120
aaaat 125

<210> 1314
<211> 315
<212> DNA
<213> Homo sapiens

<400> 1314
atatctcata tactccataa atatatatac atactctatc cacaaaaatt aaaaataaaa 60
aaatagtaac aaagtttttc taaatttaat agtggttttag aaattaaaag agaccaaga 120
ataaaaggaa aggtgaacta agagagatat aggttaaaaa gaaatataag agaaataagc 180
tatgtaagag atacaggccg ggcgcggtgg ctcatacctg taatccaaca ctttgggagg 240
ctgaggtggg tggatcacct gaggtcagga gttcgagacc agcctagcca acatggtgaa 300
accctggctc tacta 315

<210> 1315
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1315
cttattgccc actcttacca atttgacaga gactttctgaa gataattcgc aattctaatt 60
aagggttttct gaaacagttt tggcggtggt tgttttttgg tgtgtgtgtg tgcattgtgtg 120
tatgtggtgg tagtgatttc taaaatatat agtttttaaac attgaacagt aaagggttagc 180
aatgatattct cttttttctc tgtgatttac tgtgctttct aatgttctac atttattgta 240
tattgacttt atagtcacag aaaacatggt atacaactat gtagatgtat tttcgaaggc 300
acgcattaac ctatcag 317

<210> 1316
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 1316
taaacagcat catatagtgt ataatgaatt acaatttggt attatttaac ggtgcaatta 60
gaactttttt tccccacata ttggtacctg taagttaata tcattcctctg taattattat 120
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180
gatggatata aagaatagaa acaggtagag ctgtggagaa tgcaaccatt taagagtggg 240
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300
ggaacagagg tggtgatgga an 322

<210> 1317
<211> 337
<212> DNA
<213> Homo sapiens

<400> 1317
 tggagggtgc cggaattatc tggaagatct gggagcgtct tcactcatac gtccggtgtc 60
 tgggctggat gactccacgg ttgtgcgag ctggaggaca gctgaccga gtgccacac 120
 gtggcctctc tgtgtgactt gggcttctct acagcatggt ggtctcagga caggcagact 180
 tcctgcatga cgtttggttc atcaacaag gcagaagggtg aatcaccttt tatgatctag 240
 actcagaagt tgcctctatg ctggagtgc gtggtgtaat tatagctcac tgcagccttg 300
 acctcctgga ctcaagagat actcctgcct cagcctc 337

<210> 1318
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1318
 tcatgaaata aagcgtagaa gttagtgcac gaatttgttc tgggcgtttg ttttaatat 60
 ccagcatttt gtttctattg ctaactgatg agaaatgctt taaacacata cacatgttct 120
 gatgtgtatg tgtgagactt gcgtttccca acgttgcata acatatgcac aaataagtg 180
 aagatagtgc aaaataactg caaatagctt tatcttacac agaaagacag gtgaacagct 240
 cgtctttaat cttaagcata acatttgttt tggtaatctt ataaagattg cttcttgac 300
 atttttaaag aaaaaatgtg aaa 323

<210> 1319
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1319
 gaggttcatt aaattgtaaa aggtcactca gctctttaag tggaagcatg tggattttac 60
 ataggtatgt taaaatcctc ttacacagag cccagacttt ccaaggttta ttctgtgtgt 120
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gctcaagttg aggccaggg tgctcacact 180
 tgaaagagag aggctgctcg gggcaatata gatctaacgg ggggggatat agaattgaat 240
 acgcaatacg acaagaccta gcttacgttg tgaaatgaac tatctcttcg gtgtgcacgg 300
 tgacacacgc ctgttattct agg 323

<210> 1320
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 1320
 ggtcagctgg aaggagcgtc tacaaaagaa tcttaatagt attccctata tcattaatga 60
 agacaataat ccacaggtat cagcagtagc tgtctttatt accaatagac agcattaata 120
 atgttgacat taccattctt gcagataacc tggatttata ttcattcaatt cattgaacta 180
 atcaatttta aaattaaggc caggcgtggt ggctcacacc tgtaatccca ccactttggg 240
 aggccgaggt gggcagatca cctgagttgg gagttctcga gaccagcctg gccaatatgg 300
 cgaaatccca tc 312

<210> 1321
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 1321
 ggtattacat cttgtaaagt ggcttttccg gtatagcttt taactgcttg tggattatat 60
 atgtgaagga aagtctgatg gcatgatagg atgcttacta ttggaggtgt catgttataa 120
 tgctatctct 130

<210> 1322
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 1322
 gagccctcct gggctaagcc caaaatttgg ggctcccctg caatggatca gaactgtgtt 60
 ctgagagggc aatttggaac ccaactggca agtgaaaaat ttaacagtc ttacaaaatg 120
 ttagcacaaa gctttcatga tctgagtagg taatcttaac tcatttcac tgccctctgca 180
 gatgcaaat ggatctcact tatttattta tttatatttt ttgagattga gtctggctct 240
 gtcacccaga ctggagtgc gaggcac 267

<210> 1323
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1323
 tacattgttc aggtcttctg tgttcttacc caggccccac tcaacctttg agctattcca 60
 gtatgagagt gaattagacc tcccactatc acggctctac tgtcatttct catggcatta 120
 gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcagggtcca 180
 agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctagggtga 240
 gcttcgggct cctgacccc agagcagttt ccatttgac gtgttgacca tattctctaa 300
 cccgtcccat aaaattgatt ctactatttc ctgc 334

<210> 1324
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1324
 gaatcaacgg ggagtgggtt aaggccatta ctgagaggca cagagctacc actaatgaag 60
 ggggtgcat ggcatagaga agccttctga acaactcagc tttcaacatg tgcaagaatt 120
 actttgacaa aaaaattaca attttctaatt ttaaaaaaa attactaagt tattgggctt 180
 atctaggctc tagattgggg gatatgaaaa tcatttcaag taattatctc atagtatttc 240
 atcccactga ctacaaggct acaagagaaa cctcccttgg gagaaaatga agaaaaatat 300
 ttaatagggg aacagactaa tt 322

<210> 1325
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1325
 gcatcttcat tactgaaaat ctaatttgtt tctcaaaatc ttcgctggaa atattgaact 60
 ggagcagaga attaaattag ctcaaattca aatgtgggtt gctgtcattc gagcaaaatt 120
 ggtctctctc ctgaatttct acaacttccg gtccattatt ttgggtggact ttcctgagga 180
 aagtggtaat ttgctgaaat caaacataa taaaaatggc ccccatcttc taggatctta 240
 agcaggtgga actgacttta ttcaaattcc agaggaaaga tgagacacag acttccgttc 300
 tctgagctgg cca 313

<210> 1326
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 1326
 ggatgggtag ctggataaat agatgagttg gaggtagatg tggggagaga aaanactcan 60
 cggggacgga aagcacaggg aggaaaaatg gccaccagag ataacagagc agcctatgct 120
 aattaatgat caactgtgtg tgggtttttt cttttccccc cctgtttatg ttccctccttg 180
 ttccctccctt ctccctagct tttcttccat ctccctctcct aatttcatag tttcccatcc 240
 cattttaaat cccactttt ttctccgctc cccaaatcct tctccactcc ttctcctttc 300
 tctctctatc acttcctctt ccccatctc cc 332

<210> 1327
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1327
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttccctcgtga 60
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga 120
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180
 ggcatacagct ttatagtaat aatcgtagag catttattct gcacttccta tatgccaggc 240
 tttttactct tttatgaaca acatctcact tgtcacagct tgaggctgta agttgaatta 300
 tgtgttgctt actaaagata ctggaaatta 330

<210> 1328
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1328
 ttagtatgct ttggaaataa ataggatttt aacctccagg gaaaatcaaa ttgaaaaaga 60
 aacttttgtc aataatttat tcaattcaat ttaacttctc tctgccttta ccataatcaa 120
 aattttctggg cactcaaaat tggaatctga taaggctaag aaaacaactt gactgatcac 180
 acagcagaag tagctgtctt gaactttttc tcatgtactt attgtccaca tgtatgtctt 240
 cttttgaaaa atgtttatat tctttgccca ctttttaatg gggntgtttg tttgtttctt 300
 atatatttgn tgaagttcca aataggaaga a 331

<210> 1329
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 1329
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttccctcgtga 60
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga 120
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180

ggcatcagct	ttatagtaat	aatcgtagag	cattttattct	gcacttccta	tatgccaggc	240
tttttactct	tttatgaaca	acatctcact	tgtcacagct	tgaggctgta	agttgaatta	300
tgtgttgctt	actaaagata	ctgggaaatn				330

<210> 1330
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1330						
tcatgaaata	aagcgtagaa	gtagtgcac	gaatttgctt	tgggcgcttg	ttttagtatt	60
ccagcatttt	gtttctattg	ctaactgatg	agaaatgctt	taaacacata	aacatgttct	120
gatgtgatg	tgtgagactt	gcgtttccca	acgttgcata	aaataggcac	aaataagtgt	180
aaaatagtgt	aaaataactg	caaatagctt	tatcttacac	agaaagacag	gtgaacagct	240
cgtctttaat	cttaagcata	acatttgctt	tggtaatctt	ataaagattg	cttcttgcac	300
atttttaaag	aaaaaatgtg	aaat				324

<210> 1331
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 1331						
ggcttcttcc	ggccggggccg	agaggtgggt	acattcgctt	aaggacacca	gctgcggaat	60
ttgcggcttt	ggcagattga	aatcatggca	gggccagaaa	gtgatgcgca	ataccagttc	120
actggtatta	aaaaatat	caactctttt	cctctcacag	gt		162

<210> 1332
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 1332						
aaactatgcc	tatcttcaca	cacacacaca	cacacacgca	cgcacacaca	cgaacaccta	60
tttaggatgc	aggaaatatg	gaataagaaa	cttttaaagc	aagcacagaa	gaaaatataa	120
tttcaaataa	gggtcagttt	aagattgaat	tttgagagga	tgttgaaata	cacatgcaat	180
gaaactggaa	atagtaagtg	aaaagccaga	cacaaaggat	atttgggggg	tacataaatg	240
aaaattatta	caataaaaag	atatatggat	aagaattata	attaatggaa	catctatgcc	300
taanaaaaaa	aattaaaaac	ctaaaaagg				329

<210> 1333
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1333						
aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaag	gcacagtttt	60
atttcaaaca	aagcagtgtt	ttgctgtaac	accgttaaaa	actggaaagg	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaaaac	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaag	tataacattt	agttttctta	240
gacaccaaat	gaacaatata	aatccctca	agggacttag	aacattcaag	ttttctatat	300
ctgtggttct	aagtctgtta	ccaacttc				328

<210> 1334
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 1334
 tcatgaagca taacatagaa ttgaatacct gtggagcaca aaacaaataa caaactatta 60
 ttaatatcat tgaaataatt cctatgtttc ttccatgtct catgctgtca tctttcctgc 120
 atcctcactc acagaaaacc atttgtacgt ataatttggg tatcttgctc ttctctttaa 180
 taattttatt accca 195

<210> 1335
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 1335
 tatggtatgg gagaaagaga gagaaagagg gcaacacgcg cacacacaca cacacacaca 60
 cacacacaca caaacacaca cacacacccc cctgtgtgta acccagctga aaaagatctg 120
 aatcagccag tgggttatgag agggacaaaa attgggggat ggggggtgtca caggggactt 180
 ttttttcttt ttctctcaca tctctgggtg gaggaacttt tgccttttct ttagttgtgt 240
 cttctatttt gttttctcag gaactggctc agcacagtat tttcttaaga taggttcttg 300
 ctttgtcacc gaggctggag tgcannggcc 330

<210> 1336
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 1336
 agagtaattg tgggtgcacct aatttagaag cttttgaaca aagattatca ggaggtaagt 60
 gaatgagtct tggaaatact taggagaaga gaattccagg gcagcggaca agcaatgcag 120
 aggcagaagc ataccaattt gtggaagtgt ttggagtga ccagagaaga gaagcagaaa 180
 agaggtaatg ggggcagatc tcaaaagcct catagatcac tgtgttattc tacagaaatc 240
 tatgaggaca taaatatatg agtacaaaaa tgttcttgca gcattgtttg taagcagcan 300
 aaaattaa 308

<210> 1337
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 1337
 agatacagcg agattccctt ctattgttta catgtcacgg atgaaaacaa aatacgtttag 60
 tcacttttaa tcagttaaaa acattgaatc aaaacaatct tgttgctcag ttcaaactat 120
 cttcttatcg attattgggt ttcctctaata tataacacca caaaaaatag ctctctgag 180

tgaaatcata taatagaaaa tgacagataa tc

212

<210> 1338

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1338

gagaggaaca	gtgggcgcaa	ggaagtcagc	ttctcagagc	tcaagagtag	atctgagttt	60
aactcattaa	agatggcatg	gaagagcagt	gtcataatgc	aaatgggaag	atctcttctc	120
ttagtaattt	tatttctgcc	acgtgagatg	acaagttctg	ttttaactgt	gaatggtaaa	180
actgagaact	atatactgga	tactacacct	ggctcccaag	catctctgat	atgtgctgtt	240
caaaaccaca	ccagagagga	agaactgctc	tggtaccgac	aggaggggag	agtggatttg	300
aaatctggaa	acaaaatcca	ttcccgcg				328

<210> 1339

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1339

cggggatgtg	ttgggactta	ccactcttat	actgccccgt	aaaaagggt	ttgtttgcga	60
atcatgagat	gctattactt	tattcgctcc	catcataatg	tggaatacat	gagtttacta	120
caacaactgc	atattattcta	tggttcaggc	tcacatctat	gagtgcact	tcttctaggc	180
tgaagcagga	gaattgcttg	agcccatgaa	gcatagggtg	cagtgaagccg	agatcattcc	240
attgcgctcc	agtctggcga	cagaacaaga	ctctgtctca	gaaaaaaaaa	aaaaaaaaaa	300
attgcggggg	cggtttttat	ctaaatacca	cc			332

<210> 1340

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1340

aagtttgctg	gacaattacc	gtgtaaactg	catgaccctg	cagtacctaa	cactgcttcc	60
gtctctacag	tagccacggg	caccgcagcg	gcctcagagc	agaaggcaca	gggtactacc	120
agggaggcat	cgcagggcgt	caacaccgag	gacctgaggg	caccgccttg	agccacgccc	180
cgtgcaggag	cgggtcctgc	gcgttcggcc	ccgggaggcg	gcctgcagaa	accgtccaaa	240
gggctggcct	tggtgttcgg	gcacacctct	gactggggcc	cagtttcttg	agggcagggtg	300
tggggaaggc	ttgtccc					317

<210> 1341

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1341

taccaccctg	accagctgac	ttcacctgcc	atgtggaaaag	aagctgggaa	gagtggggag	60
ggtagacctg	ggaaggggac	acagaggaga	aaggcaggaa	cagagacaca	aagaaagaag	120
gagacagctg	cagagggcca	ggcacagtgg	ctcacaacta	tgatcccagt	actttgggag	180
gccgaggcgg	gcagatcacc	tgaggccagg	agttcaagac	cagcctggcc	aacatgggtga	240
aact						244

<210> 1342

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1342
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tgggatctgg tggctcagcc ctccctttctc cttaagggtgc ccataacaag tatacattga 120
gtcaaaaaaa aaaaaaaaaa aaaaaacccg gggggggccc ccgggggaaa aactttaatt 180
ttttttggaa accccctttt ttgggggggtt ttggaaggcc cttttaaaaa cttttggggg 240
ggccggggaa ccttttttaa ccccaccctt tggggccccc cctttttttg gggtttccaa 300
ctaaccacca atttgtggcc ccgggggtta aaa 333

<210> 1343
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1343
gatgaagaaa gagcttcctg caattcaagg actgtacaaa gctgaaacgc agagattttc 60
atattatttg ggagactcag aaatgagctt ttaagggtgt tccttgactt gcgggtcaat 120
aagcgcacaa tgggtgaagaa aaggctgcct tctagtgaca cgggtgtccg gtttgagact 180
ccgggcagcc caaggaaggc cagcgtggag gcctcacgca gctccacaga cagccccagc 240
tcggtgttcc tcagctcaga ggctgagaat ggtgtggagg agaaaaagaa agcctgcagg 300
tcgccaacag cccaatcccc tacccca 327

<210> 1344
<211> 325
<212> DNA
<213> Homo sapiens

<400> 1344
gctcctcctc ctcccgcgcc ccccgctgcag ccacctgctg cacttgcgca ctgggagcga 60
cacgctcggg cataagtagt gccggaaaagt tagctgccga gacctggtgg attgcttttc 120
gtttatcagt gcaggaaaac agcgtatag tactgcgtca caactagcgc agactccggc 180
agtattttaag cgggtgcggct tgggaactag aatccacttc ctgtcttccg cctcaggcta 240
gagggcgagc gcttcgcgct gggacttctt ctgcctggct ccgcctcttg ccccggaagt 300
actcacagcg gacggtggtt tttgg 325

<210> 1345
<211> 325
<212> DNA
<213> Homo sapiens

<400> 1345
cgaccctgct gccccagta gtagggccac cacacattta caagagcccg gatgagcggc 60
taccctactt gcagccacca cctagggcca aaatgtgctc ccagctgcct attacaatag 120
acacaactga aacctgtcc accctcctca gcaacagggg tgcaatgcag ctgctattac 180
tcaagcattc aactgggcgc ccaagcattc cactggatgc gtggggatca cccacctct 240
gcctaccaca gccagcaacc acattactac tagggatatat gagaacaggc cctcctggac 300
aaggtccacc ccaaacctcc atgcc 325

<210> 1346
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1346
ctctaggagc ttccagggtca cttctaactg cctgcagctc tcccttctcg gaacctgct 60
gcattcagag tggagccgcg ctatttagct cttttttctt gtcttttttt ttttttttaa 120
aaaggggttt ccttttgccc cccgggctgg agggcggggg gcaaataaaa actaatggag 180

gcttctactt	ccccaggata	acagaattgc	ccatttttcaa	cctcaggaga	gaggggggaaa	240
agcggccccc	cccacatggc	caaaaataatt	tttgtttttt	ttcaaactac	gggtgttatc	300
acaagaggct	ccc					313

<210> 1347
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1347						
ggacttccgg	tcggcgtgag	cgtgaggtgt	gggtgttcgt	ttctcaggta	aaacatggct	60
aaaagcttac	ggagtaagtg	gaaaagaaaag	atgctgtgctg	aaaagagaaa	aaagaatgcc	120
ccaaaggagg	ccagcaggct	taaaagtatt	ctcaaactag	acggtgatgt	tttaatgaaa	180
gatgttcaag	agatagcaac	tgtggtggta	cccaaaccga	aacattgcca	agagaaaatg	240
caatgtgagg	taaaagatga	aaaagatgac	atgaaaatgg	agactgatat	taagagaaac	300
aaaaagactc	ttctagacca	gcatggac				328

<210> 1348
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1348						
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atatatttgg	caatttttccc	aatttttttac	tgaagaaaac	tgtaagttaa	tacttgaggga	120
ctgaagtgtg	actctgccga	ttatcaggct	ttcaagatga	atctggaaaa	actcagcaag	180
cctgaactcc	tgacactatt	tagtattctt	gaaggagagc	ttgaagcaag	ggaccttgtt	240
atagaagcct	taaaggccca	acacagagat	acttttcattg	aagaacgcta	tggaaaatan	300

<210> 1349
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1349						
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aaaaatgttg	tgaaaaacaa	gatgacacac	caaaagagca	catctggaat	ataaggtcca	120
tgatgaccac	aagctgacct	caagaatata	ccacgaagtt	ttttacattc	ctggaaaaaa	180
ggagaaaagaa	aaagcagaat	ggggattctt	acgtattcaa	taaattatta	tgagcttcat	240
tgactcgtaa	gatgcaactg	attgtaagag	gcaccattac	tttgcatccc	ttataaagaa	300
aaaacattgt	ccagccaact	atat				324

<210> 1350
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1350						
aattttttcat	gtttcctttg	aagtaatctc	cttaactaca	aatcagttct	tatcaacaaa	60
tattttataaa	ccaaatatga	gttgcttgat	tatgtttcaa	atattaatca	tgttctgtgt	120
agaactcttg	gaatataata	tacagcagaa	gcagtctcaa	atgctggaga	tgcaagtggg	180
gctcagcagt	atgaaagaca	gagcaacgga	actgcaggag	cagctgagtt	ctgagaaaat	240

ggtggttgct	gaactgaaga	gtgagcttgc	acaaactaaa	ttggaactag	aaacaacact	300
caaggcacag	cataaacacc	tag				323

<210> 1351
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1351						
aaattactct	gaaaagagaa	caagagagtg	agaaaccaag	ccaagaactc	ttggaatata	60
atatacagca	gaagcagtct	caaagtctgg	agatgcaagt	ggagctcagc	agtatgaaag	120
acagagcaac	ggaactgcag	gagcagctga	gttctgagaa	aatggtgggt	gctgaactga	180
agagtgcgct	tgcacaaaact	aaattggaac	tagaaacaac	actcaaggca	cagcataaac	240
acctaaaaga	attggaggct	ttcaggttgg	aagttaaaga	taagacagat	gaagtacatt	300
tgcttaatga	cacattagca	agg				323

<210> 1352
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 1352						
ggatccagct	ataacatttt	gttcacattg	gatacctgat	tgtgacattt	atttaaaatg	60
ttaccatttt	tcaaatttct	gagccaatat	catgatttaa	ttatagtggc	ttcatcgtaa	120
gttttagaat	ccgataaagc	aagtccact	tcattagttt	tttttttctt	tatataatat	180
gccctagaca	ttcatttttt	catgtgaaaa	aatgaaatgc	agaattttta	taaaattcta	240
attatgatgg	ctgacatcac	aattaaaatc	ctgcattttt	gttttagagg	ctctttaata	300
ata						303

<210> 1353
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 1353						
caggggctcc	ccccagctcc	ctaaggcata	acggcctcta	ctcactctac	atggtgcatg	60
aggtattggc	agagacatgc	ttagcagcat	tttgacata	aacaaacact	acacgtatga	120
gctctttgta	ataccagga	catgcctttc	acacaaatcc	cttcggaata	tccttcatt	180
tgaatctcac	aaccaccaag	agggacagaa	gacaaatact	actgcctaca	ttttgtgcat	240
caagaaactg	aggcttaaat	aatttttaagt	agcttgcccc	aaattacatg	ggcaacg	297

<210> 1354
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 1354						
gctggtaatt	tttgtatttt	tagtagagac	tgggtttcac	catgttggcc	aggctggtct	60
tgaactacag	gcctcgagta	atccacccac	cttggcctcc	caaagtgttg	ggattagagg	120
catgagccac	cgtgctcagg	cttcccacaa	taattttttac	tttgacacat	acagacttca	180
atatcacatt	cgtatgcacc	aagctatatg	ggagaatatc	tgtaaagatt	catgagttgt	240
tatgtataga	gtgcttaaat	tgtggacata	gaaaataata	tttctatcca	gatgcagtgg	300
ctcacgcct						309

<210> 1355
 <211> 293
 <212> DNA

<213> Homo sapiens

<400> 1355

ataaaccatg	gtcattttta	ggcatgtatc	attcattttac	tcatagtttg	gtttacttaa	60
attatcagga	atacaatggt	gcaatgatgc	ttaaaaaaca	cttgtagtt	ttccctgtac	120
caggcaatgg	ttataattaa	aatgatatgc	tggtgagaag	ccactcttaa	gagtcagtt	180
tgttttaatg	ttatgggcag	ctaccaatth	ggggcgtctc	tgtatatttt	tggaagatt	240
ctcatttttt	atgcttgaag	tatttggtga	aaagatgttg	gttgaccata	att	293

<210> 1356

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 1356

aataggaggg	acacctcatc	acaagcacia	gctaaggggca	ccacagccag	ttatctcttt	60
acaaatgggt	tagtcaccct	gagaatcaga	tgcattgtcta	caccctaattg	gagagctggt	120
aataaagtct	gattaataag	ctatgtcaca	gagtagtgaa	ttttccgaat	gagtggtgat	180
tatgatgtta	cagagaaaaa	ttataactcat	gttaaccaga	ttgttgtaag	tagtgcaagt	240
ccaaatcatt	cttagtggtg	tttttggtact	tctcacgtac	actggccaca	tctaagaatg	300
aaataatn						308

<210> 1357

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1357

gagtcctgtga	ataaaacaat	aaaagccgtg	ggttttatga	acagtttcag	tttggaatttt	60
caagaagcaa	aagaagggtg	caaaagaacg	accaaggaat	aagaggcttt	cagaaataac	120
caagaacatc	aaaaataaag	aggactttta	caagtgaata	atgcagtaat	caaaaatgaa	180
ctcaaaagag	agattaaata	gattagacac	aactgaagag	aaacttagta	agtgagaagc	240
tctatcagaa	gaaattatgc	ctaatacatg	gagacaaaga	aatggaaaat	attcaagagg	300
ag						302

<210> 1358

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1358

acagtgaagca	ctctgggtca	tgtagacaaa	ttccattttat	tgaactactc	tgaatttgct	60
gcctctgtca	atcaaattta	atattttcaac	tgacataaaa	aattgagcaa	tttttggttc	120
cactttatttt	ttctttttaga	acctgacctta	gttaactgggt	gactgctact	aatgtcaaag	180
ttatccgatt	tttgataagg	ctagcgggtc	ctgccatttc	atttagagtt	tattccgcat	240
ggtgtatgca	attgtttttga	atggcatggg	aaagatgttt	tattaaccct	aagaaataag	300
agatccaat						309

<210> 1359

<211> 303

<212> DNA

<213> Homo sapiens

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<400> 1359
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 aggtgggtgtt cacacagtag ctgcaaactt ctcagaactt ttcagaaatt catccttgcc 120
 tgtcattaca ttttttaatg agccactcag cattccaacg aacaacccaa tacatcattt 180
 cctctattaa ttggtgcagt taatttgaaa actgttctca gttctatatt tatatgggaa 240
 atattaagag tccatctcct tgctcctttt tcattaattc cacacacatt catggagcat 300
 cac 303

<210> 1360
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 1360
 tacggatgac aaaagacgag ccgaatgggc cccattttta aattttggag cttattcaaa 60
 aagcttaaaa tacaccatga gccaacatta tatgaagcaa actaaacata tctagagatg 120
 cagcttggcc catggactat tcagttttaa cttctgcttt aaaggatgac gctcaattgg 180
 cagttcatac atacatatat atatatatgc gcataaaatt cacagacctt tgggttacac 240
 ctgactctgt gacttaccaa ctgtgtgggc ttgagaaaga tgcctaacct ctctgagcga 300
 aagatgg 307

<210> 1361
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1361
 ggactccacc agtctgacct tagagcccca cttttaaccc tgtttaccca gggcccccag 60
 gtacttcaaa tctatatattt gggccctgag ctgttgccca catttcactc agaatgtaat 120
 actcagaagc ctgactgctt tgtctctacc ttgtcttctt ggcttctgta atcatttttc 180
 ccctttttta accttttact ttgaataatt caaatttata gaaaagttgc aataactggc 240
 caggtacaga ggctcatgct tgtaatccca gcactttg 278

<210> 1362
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 1362
 ttatgacttt gactatattt tacaacttga aaaattttca tttttatggt gccatcagcc 60
 tgctacttaa tagaaaatgc tttattgaca tttatgttct ttacctaatt atgtggattt 120
 aatgatggc tgtcatcttc attagaactg actgtcgaaa gagtaccag aatgacaata 180
 ccgaaaccg gtctcatttt aattgggcaa accgagaaac ataacattgg gctgaacatt 240
 tcaccaattt gactaccac 259

<210> 1363
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 1363
 ggcacgagct caggtaaaac atggccttttt gctttttgag taagtggaaa agaaagatgc 60
 gtgctgaaaa gagaataaag aatgccccaa aggaggccag caggcttaaa agtattctca 120
 aactagacgg tgatgtttta atgaaagatg ttcaagagat agcaactgtg gtggtaccca 180
 aacccataca ttgccaagag aaaatgcaat gtgaggtaaa agatgaaaaa gatgacatga 240
 aatggagac tgatattaag agaaacaaaa agactcttct agaccagcat ggacagtacc 300

caatatggat	gaaccaaagg	caaagaaaaa	ggctgaaggc	aaagcgagag	ataagaaaagg	360
ggaaaagcac	agcaaaaagca	gtgaaagtgg	caaggggttt	ggcctgggtat	actcg	415

<210> 1364
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 1364						
tatttaggac	tttaagcctc	ttttctgcct	atctcacata	tcatttttgca	agtcttcttg	60
gaattatttta	atttacagta	ttttgataac	ttcaaagctg	gtaaaatgaa	atttagagcta	120
tctgcttggtg	ctcagaaatc	aattctcatc	aaataatatg	aaattatggt	atctaaaagc	180
atttacccta	ttaagtgaca	gacaaatgag	aagtaaggag	acttaataca	ctgtttgcct	240
attgatgaca	ctggccacaa	acatcccact	ctttacaagc	agtaacaggg	aagggagtct	300
tttgaaaaaa	caatttgngc	cgggcatggt	ggctcacgcc	tgtaatccta	acacttttgg	360
aggccgaggc	gggccgaaca	cgaagt				386

<210> 1365
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1365						
tttataagta	tacctggaca	gaagaaatac	aagataccgt	tctattaact	caatatagtg	60
ttgctaagtt	cgtacttggtg	cttggtttat	tttattttat	aaatagggtat	cactcgcatg	120
gttccaaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatcctc	cttccctgca	180
ctcagcaacc	gagatcatcc	cgctacgggc	actcaaaggt	ttcattgtct	gaaatattag	240
cctaaacgta	gtttatgttt	aggaagcaac	aaccgtaa	aggccacat	ccaaacggag	300
tggatttagg	tttcactttt	tcaaggaaaa	accatcaaag	aattttttcca	catacttata	360
aaccatccca	cgtataga					378

<210> 1366
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1366						
ataactaact	tctttttggtc	ttccacacatt	taataacctc	tcgatcagag	ccttttctttt	60
tttatgtact	caaaaataat	agaaatgccca	tttttaatat	ttaccaataa	cctattttaac	120
ttagtaagga	actgcttccc	ctgggggtta	gaaatttgta	cacagccttc	tggatacaaa	180
taatctttat	ttaattaatt	aattttatttg	ttttttgaga	tggagtcttg	ctctgttgcc	240
caggctggag	tgcagtggct	cgatctcgac	tcaactgccat	ctcgccacct	gggttcagggt	300
aaaaaattct	cctgtctcag	cttcccaggt	agctgggact	acagggtgcat	gccaccatgc	360
ccaactaatt	tttgtatg					378

<210> 1367
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (395)
 <223> n = A,T,C or G

<400> 1367
 cggttgctgtc gcttttttagc atcttataaat ttattttttat atgagtgccct gtagattttgc 60
 cgtatcctttt aaaaaacaat tatttttaata tatattataa ttgtacatat tttcgggtgtg 120
 catatggtga aagtcattgg agtggaagat agcaaggagc ttggaaattg aaaaggaatt 180
 cagaagttgt tgatgaactc tgaagttatc agcatggatg gttgaatggc atcatagaca 240
 actatctaga gagacagtac ttgctttact tttggaaatc agtggtgctgg cattaaaact 300
 cagggacttg aaaatgatgg acacagccaa agaatatagt atgggtgctg ggggtgtangg 360
 agtggaggga gatattcatg cattctgtaa tctgg 395

<210> 1368
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1368
 cggttgctgtc gaagtaactg ggcaggggatg gttagctggg aggtatggat ttcattttcca 60
 ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaaatg 120
 gagcaagggt ctccttctgt ggcccagtc ggaatgtag tgggtgcaatc tcgactcact 180
 gcaacctccg cctcccggat tcaagagatt ctctgcctc agcctcccaa gtagctggga 240
 ttacacgtac gcaccaccat gcccggaata tttttgtatt tttagtagag atagggtttc 300
 aacatattgg ccaggctggg ctcaaaactc tgacctcaag tgatctgccc gcctcagcct 360
 cccaaaatgc tgggattata ggcgtgaacc atc 393

<210> 1369
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1369
 cggttgctgtc gaagtaactg ggcaggggatg gttagctggg aggtatggat ttcattttcca 60
 ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaaatg 120
 gagcaagggt ctccttctgt ggcccagtc ggaatgtag tgggtgcaatc tcgactcact 180
 gcaacctccg cctcccggat tcaagagatt ctctgcctc agcctcccaa gtagctggga 240
 ttacacgtac gcaccaccat gcccggaata tttttgtatt tttagtagag atagggtttc 300
 aacatattgg ccaggctggg ctcaaaactc tgacctcaag tgatctgccc gcctcagcct 360
 cccaaaatgc tgggattata ggcgtgaa 388

<210> 1370
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1370
 tggggattca ccgtgttggg caggctgggc tagaactcct gatctcatga gatctgcccg 60
 tctccacttc ccaaagttct gggagtacaa gcgtgatcca ccatgcccgg ctgaggctag 120
 gatttttaatt atattccaac atttcttact ctcttcatta ttactcccca aacagccttt 180
 ttaggcattt tctctctagg ttctgctgt gaaaatttac tactacagat tattgtatgt 240
 ctgtatgtat gtaatgtatg tatctgtgct ttatacataa aatgattact tttgcccttc 300
 ctctgcccgc gctcttactc ccattagcgg ggggttgctt ccattaacaa agatagctgg 360
 gcctgg 366

<210> 1371
 <211> 390
 <212> DNA

<213> Homo sapiens

<400> 1371

cttttgaaga	atgcctaaaa	agacgaaagt	tggcaaagca	gcctgaaaca	gtttctgttg	60
ctgaactcaa	aagtctgtta	gtactcacia	ggaaacactt	tttagattat	tttgatgctg	120
tgattcctaa	aatgattcta	agaaagatgg	acaaaattaa	aaccttcaat	atattaaatg	180
atthttagtcc	agcggaaacct	aattcctcaa	gtctaattgga	aaccaatcct	ctggaatggc	240
cagaaaggca	tgttcttcaa	aatttgga	cttttgaaaa	aactaaacaa	aaaatgagaa	300
ctgggtcatt	acctcattca	tctgaacagt	tgctgggcca	caaagaggga	cctcggggact	360
caatcacatt	gttgatgct	aaagaattgg				390

<210> 1372

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1372

ggcagagg	caggaggcca	gatttggtcc	tcaggctgta	atttcttggc	cccttgtcta	60
gggagaggta	aacgagggga	ggagagatca	gtcaaggatg	acgtgagggt	ttgctgggag	120
caccaggaat	cctggagaag	gtagtggcaa	gagggtgcag	caagctcagc	tgggcgggga	180
tcaagtctga	ggacttaatg	tctcctctga	tctccagacc	cataaggag	atgctgagta	240
gacaactggg	gcttatgggt	ctggagttca	gaggagagat	cgggaagggtg	tccatttgga	300
gtcatccacg	cagagatgtg	tgaaggctgc	tcaatgattt	tgagggttta	agaaaaaaag	360
agatgtgaaa	ccagggggccc	tgatgaggct	g			391

<210> 1373

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1373

cgggtgctgtc	caacacatat	tgtctgggtt	ttaacaggag	tgatacagaa	tggcaaagct	60
tgatccatat	agtaagagaa	tacaattatt	gtcgagtttt	aacaggagtg	atacagaata	120
gcagaggggc	ctgctgatga	attgaagggg	atccaataaa	gagattactg	gaataataaa	180
gatgatcagg	acttacacta	aaatatttgt	gataaggata	gagaaaaagt	gttaatgtat	240
tgggggaaat	cacaggatat	atcagctgaa	tgcttatgtg	aaatgagaat	gatgaaaagt	300
acttaaatgg	agagatggca	tcggccactg	tattactctg	tgctcacatt	gctataaaga	360
aatacctgag	actgggtagt	ttataa				386

<210> 1374

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1374

cgttgctgtc	gcacacacac	acttacacaa	tggaaatata	atatatatgg	tgaactcatt	60
tacaatacgc	gattaccagt	tttccatgtt	agtttttcta	cccttacctg	atcattttta	120
cgactactta	aaatttctct	gctggatcaa	caatatatta	tctacatcct	atcaatggct	180
cacttttagg	tagcttccca	tatttttact	cttacaaatg	aacattatgg	aggaacacct	240
ttgagcatat	acctttctac	acttgctcaa	gttttctctc	tctctccccc	cctttttttt	300
tttcacctgc	agacacaggg	caaccaagtt	gtcgtcttca	aattaatttc	tcagagtcta	360
ctctctggat	aataggggtg	agt				383

<210> 1375

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1375
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aatatcagat gtcagggtccg attgacaatg ccatcgattg gaaccctgat tggcggcgctc 180
taccgccgga gctaaagatc cgagtgcgga agctacagaa ggaacggatt acaattctgc 240
tccccaagag gccccctaag accacagaag ataaggagga aacaatacag aaactagaga 300
ccctggagaa gaaggaagaa gaagtaactt cagaggagga tgaggagaaa gaagaagaag 360
aagagaagga agaggaggaa gaaaa 385

<210> 1376
<211> 380
<212> DNA
<213> Homo sapiens

<400> 1376
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tagtcttcaa ccctgagtaa tgggggtgttc atagaactct aatgggggtga taagatatatt 120
tatagaagta gaatcttgat ctgacctctc cttctaattg ggaacgtcta tgttctaact 180
agcagaaatt cctcaaagtt tctggcatat ggaaaatttt cctctatatt ttattccttt 240
gatcatttca atgtgaattt agaatgagge aatttagaag cctgtcctcg caaagccatt 300
ttatttataaa accacaaaat aacacttttt ttctgtgtga agaaggtag aaaaaaatg 360
ctcaagactc ataattatat 380

<210> 1377
<211> 369
<212> DNA
<213> Homo sapiens

<400> 1377
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acaaatataa attcttttag gtgacatggg aagtaaatat ggtttttaatt gtagcaccctc 120
ctacagggct gttatgcaga aaagagtagc taataggctg gaccctagaa gttgtactgt 180
ttctgggtggc acaaagaatt tctttccaag gttctgatga ctctttttta ttcctaataa 240
gttcttaaat ggttatgttc atagcttgag gttcaggctg cacaagaag ttactttcat 300
ggatacagtt agaacttcta ctatgggcta taataataaa ttttgcacca taacctactg 360
gcagggtctt 369

<210> 1378
<211> 342
<212> DNA
<213> Homo sapiens

<400> 1378
gcaggtaatg agactgcaga aaggctgaag gtagattagg ataagatcaa tgaaaggctt 60
ttataaagca gttttgaatt gtccttttaga aaataagaag ccataaaaatt ttatttttta 120
ttttcaaaaa gatatttcta acccatatta gaaatggatt agaaatagat aacatataac 180
atltggagaa gatagaagag ttagggccta taggaatagt tcaagcaaaa atcatcttat 240
cttaattttg gatactttct aattacttcc tatcttgaat aattagataa catatatcat 300
agtggacaca tgcatacata tgtttattgc agcactgttc ac 342

<210> 1379
<211> 362
<212> DNA
<213> Homo sapiens

<400> 1379

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cac	aggggcac	agacccccacg	cacccccacac	agggcacaga	ccccacgcac	cccacacagg		120	
gc	acagacacccc	acacaggggca	ggcacctcac	acagggcaca	gacccccatgc		180		
at	ccccacaca	gggcaggcac	cccacacagg	gcacagaccc	cacacacccc	acacaggggca	240		
gg	cacccccac	acaggggcaca	gacccccacgc	acccccacaca	gggcagggat	cccacgcagg	300		
gc	acagatccc	cacgcagggc	agggccagcc	caaggccagg	cccctcccct	gtagatatcc	360		
tg							362		

<210> 1380
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400>	1380								
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tt	cttaattg	ccatcacata	cgcatacagt	gcctgcatgg	ctgacctcag	ttactgaagc		120	
tgc	agccaga	gagggaaactt	aggtcttcac	tgtaaatcac	attgttagga	taaactaaat		180	
gg	aaaaaacta	aatgaagtac	agtatagctg	aagacctccc	agcaggcaaa	atgctcttat		240	
cag	tcagaat	gtttcaagg	ctcagttcca	aggagccagc	caaggggccag	tcatgaaaac		300	
cccc	attcat	tggtaatg						318	

<210> 1381
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400>	1381								
tct	gggggaat	aaaaagcact	aatggacagg	agatggggtt	tgcaaaccat	gaaaggccat		60	
gtg	cagctga	gctgggatta	tcactggagc	ctggcacttc	gccttcac	gtgggttct		120	
ctg	gttcagt	gaaaccacag	ccactagacg	gggagcaact	caagggtggg	cccgggggtga		180	
gg	agctggag	cctgagcccc	cagtggagaa	gtgagtggg	gtctccagct	aggaaggaaa		240	
ggg	gtggagg	tggagagcag	ccccagggg	cagtcactaa	gccccatgca	gggcagaatg		300	
cc	aggaacac	aggctcca						318	

<210> 1382
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400>	1382								
ggt	actcaca	agttaacaaa	cttcaaaatg	ctatttgaaa	gggaaactaa	taacattaaa		60	
aag	aggtcac	agtactgttt	gaaaatctac	aaaggagtca	tgatctttgt	tcaaggaagt		120	
aaa	atattaa	ggaaatttgt	gttagttgag	ttcttgactg	aacatgtgct	atgaatttct		180	
gat	tgtggaa	gctgcttcct	attcgaaaat	aaaataaaac	tctcttggtg	tgcaaatgat		240	
aag	aatatgt	tttggtatct	aacaatatct	aaaagcaaac	tctctgcaa	gtatcccaga		300	
atg	gtttact	t						311	

<210> 1383
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400>	1383								
att	gttatcc	gaaatagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat		60	
ggg	aaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct		120	
aa	acagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaatca	aggcagtga		180	
tc	attactct	tatcagaaa	actctaattt	aaaaggataa	acacaacaat	tattagaaaa		240	

tgtgcatagt	gttaactttc	actcacttgt	agtgaagaat	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcataataca	ggtagatgat	gataaggaat	atgggtattgc	360
ttgtggtgac	agtcatttgg	tggcactctc	atgattgggtg	gcaat		405

<210> 1384
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400> 1384						
aagctacttc	atagagctga	cattctaggg	agaagataga	catggcagat	ttaattatac	60
acatatcttt	ttcactgtat	tagatttttt	cagattataa	aattatagta	ataaaaatagc	120
aatatcaa	attactgaaa	tacataacat	aggaaaaaat	atgccctgtc	aattcatcct	180
ccctccccag	acgtagccac	tgtcaaccag	tttgtgcacg	tttttcta	ttttaaaaaat	240
atacatgcaa	tgtattttta	aagcataaaa	ggggaatcat	acacgtctga	attttgtttt	300
ttagcttcat	atatctggga	tatcctctca	catgaacaca	aggaaatcta	cctcattctt	360
tttaaatgtct	gaataaatatt	tcattgctatg	gatgtattat	agtttatttg	actaatatct	420
tgttg						425

<210> 1385
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1385						
agaatactag	gtattaagta	aatattgttt	gagtagataa	aagacattag	tgtaagcaa	60
taaccctaca	ttcttaaaaa	agagagagtt	ttattaaatt	gctaggaact	taaaattttt	120
ggatctcaca	ttccaaatgc	ataacacaag	attttgcttt	cagtgtgtat	caactcaaat	180
taagctagta	acaggtaa	tagctatgtt	ccctattctt	atttcttgga	tatgaggaga	240
ggaaacacat	gcagcaggaa	agaaaaaggt	gactaacaat	tactaaattt	cgagagtaaa	300
ttggattgtt	ttgctctgtg	caactataaa	atgggtgatta	acaaacaggt	gctaaatgtt	360
aatgaagtat	atgagattaa	aaataaac				388

<210> 1386
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 1386						
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actaattgta	agtactttac	aagtaagaac	ttgattttaa	aacttagcat	tcaaaaaaaaa	120
aaaacctttt	tttacagctt	attgaattct	ctggtttttt	tctaaccagg	taatatattg	180
agttgcacct	aaaaaactaa	ggtttcttaa	tctaattggc	ttaaattaat	cctttaagcc	240
aaattcacca	tttttttgtt	aacctttttg	ccaaaggcca	ggtttttcaa	agaagggaaa	300
aacccacccc	ttgaaccctc	atcattggcg	gttttcggcg	ccaaacccat	attatccttg	360
tgtttaagaa	ccaggaccat	tatttcn				388

<210> 1387
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 1387
ccatcgattc gaattcggca cgagggtgcc atactcttgc atacacaatc ggttatctag 60
tttttgattg tttgtgtgta tgggtgtgtgc tgtctctctg accagatttc aggttcctga 120
ggcgagcctg cagctcatac tgctcatctg tcctctcctg tgggtgggtgc tcagggcctc 180
tactgttag ttactccctc ctttctgccc agttctgcac tcaactagta gaagcagcca 240
tcctttcccc aagcaggaaa tagtagtggg cgcccttaag agcagtgtga gggcagaaga 300
ttaagggagg ggaagagtcc ctggaactgg aagaaggtaa atactttgcc ttgagagggc 360
gccgaatcat tttaccacaa tagtaaattg aaaaagtgtc aaagggtggg actacgttta 420
g 421

<210> 1388
<211> 415
<212> DNA
<213> Homo sapiens

<400> 1388
cgttgctgtc ggccattctt tggcgagatt atcatttctt gctgcaaaga tgatttgaga 60
cactaactac gttgttaaata gcccacaaat taccatgatt tccatcatag ttaagtact 120
cagtttcatt attgttgggc tcaaattcag agatgaatag gaatgatgga taggatttat 180
ttaagtatat atcttaggta tacattttatt tagtgccgggc tgattaatgt gaaagtttaag 240
gtataaaacc tagagacaac tttcagggaa aaaaaaaga tctcttatta aatgttttag 300
aagtagggat tcccattcta tattgaaaa aacataattt caccacttgg ttattataat 360
tttttggggt tgggtgaaca tttattaaaa caaatgtgtg tggctgaca aaaag 415

<210> 1389
<211> 417
<212> DNA
<213> Homo sapiens

<400> 1389
ggcacgaggg acagcgaagc caaagaggac ccctcaaacc caacaagagc tgtgaggctc 60
cctgattcct cgccagtgtt gctaccgccc ttggctcttc ttgcatggct ggctcttgag 120
acccctggaa gctgatggag gcaacgtgag aagcacatgg acatccgacc ttgagcttga 180
gaggcagagg cctgagttct agttacagcc ccagcagtac cagttgtgtg gactgggagg 240
gaggetatca cgtacatact ccaagcctcc aagcctgttt ccccttctga cacaggatct 300
tttgtggctg gtatagagtg ggcactcaat aaatgctgtc tgtcgtctgg ctggatgcct 360
catgggcctg agaattgaat agaattacag tgatagaagc atgctgggtat tgaagtg 417

<210> 1390
<211> 203
<212> DNA
<213> Homo sapiens

<400> 1390
gggtaaatct tcaggtaagt gttcctgggtg cctatgttgt gaaacacaaa aaataaccga 60
aaaatttaag ggggcgggtt tttttggggg cccaagatg ggaatatcct ttgggggggt 120
ggggcccacc cccaactga ggggtggggaa aaaaagggtt ttttttgaaa attcgggggg 180
cttctgggtt gttttgacct att 203

<210> 1391
<211> 411
<212> DNA
<213> Homo sapiens

<400> 1391
cgttgctgtc gaaaaaagaa ccccggtgtg tgtaaataca ggaaaaatgt tgggtaacag 60
actatgactt gactttgtgc ttatatcatg attgtattta attttattat aagttgggta 120

aatattttgag	acttttgggga	aattaaactt	gtcaagctgt	caacttatca	gtttggattt	180
atggtttcct	atttcatttt	gtagatattg	aaaatacatg	tcaatatctg	tgtattttcat	240
gtcaaggaag	ctgtgtattg	gtatcaggat	tgagggaata	catgatcaac	aaatactttt	300
ccaagtttca	gtgtcacaga	ttgcatatgg	catgataata	catcacattc	atttcctca	360
agtttgtttt	tttttttgac	agggagttaa	caaaaaatgt	gcaaattggcc	a	411

<210> 1392

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1392

attcacccat	ccacccatct	actcatccat	ccatccaacc	atgcatccat	ccatccaccc	60
atccacccat	tcatccatcc	atccacccaa	ccaaccatcc	accttttcat	ctatccaccc	120
acttgtccac	ccacccattc	ctccattcat	cattcaaccc	tctcttccta	ccatcactgt	180
ttcatccatg	aagattttata	aagaagtgtg	acatttggag	tttataaaacc	agtattttgag	240
acctaattct	aattctttcc	gcctgtgcaa	tcttggacaa	atagttaaaa	ctatctacat	300
tttttgttta	ttctttggca	aaatgggaga	gagtgcctat	ctttacatta	tgaaactact	360
atgagaaaga	gatgattcag	ctg				383

<210> 1393

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1393

gattcgaatt	ccgttgctgt	cgagcagcca	ccagagattg	tcatgaaaaa	tgaaaagtca	60
aagaaaaata	agaagaaatc	atagtcagat	gctaaagcag	tgcaaaacag	ttcacgccat	120
gatggaaagg	aagttgatga	aggagcctgg	gaaactaaaa	ttagtcacag	agagaaacga	180
cagcagcgta	aacgtgataa	ggtgctgact	gattctgggt	cattggattc	aactatccct	240
gggatagaaa	ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttcctggt	300
ggttccaaga	agaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	360
ggaaaaggag	attctacact	tcaggtttct	tcaggattga	atgaaan		407

<210> 1394

<211> 237

<212> DNA

<213> Homo sapiens

<400> 1394

atttacgtgc	catgatttta	ttccaaccaa	aaagatatatt	ggaaaatatt	taagaattat	60
tgctgattat	tgaaatctag	aacactaata	ccagtgaata	ttttgtatac	cctaatactt	120
ctctgatcac	ttacaagcca	ataattagcc	attcacgata	cagaagacag	acagggtaga	180
tgtggggggg	cggttttttg	ggtaattccg	gaaagagaga	aaactttggg	agggtga	237

<210> 1395

<211> 376

<212> DNA

<213> Homo sapiens

<400> 1395

ctccatatat	atatatcaat	acatttttcta	agggttgaaa	ctaagttttc	actgacattt	60
------------	------------	-------------	------------	------------	------------	----

atataaataa	cctaaaaatct	tggcactagg	attattttaca	aaggtaaaac	ctgaattaca	120
aatattttggc	aaggagaaaa	ttatacttttc	tgtcttttctt	cccaaataca	aatcatcttc	180
tatggggcgg	catccccacc	tcagctgtgt	gaacgggtggc	cccagaaaaa	ataagggtcaa	240
aaaaaattaa	aaaaaaataa	tcttctggcc	gggagcaatg	gctcaatgcc	tgtaatccca	300
gcacttttggg	aggctgaggc	gggcggatta	cctgaggtca	ggagtttgag	accagtctgg	360
ccaacatggg	gaaacc					376

<210> 1396

<211> 158

<212> DNA

<213> Homo sapiens

<400> 1396

tttttattat	ctccttttcta	ctttttttggc	ttacttttttg	ttcttttttct	caccttctctg	60
cttgatgat	taattaattt	ttattaattc	tttttagtctt	atttttttttc	agtgattaag	120
gccatgaatt	tttctgtgtg	caaactatat	cctgagac			158

<210> 1397

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1397

ggcacgagag	gaggcaagtc	aatcttttttt	atttccttat	aaaattaact	cttcaaaagc	60
tgtaaacag	agagttatct	taattttttat	tgcagtagga	ggaaatatat	ttaaaatatt	120
tgtagattta	tagcaaatag	agactcggtta	tttaaagggtt	aaataacaat	ttgttctttt	180
gttggtttttg	ccagtttagg	gcagtagctg	cttttgtcat	aaatatcttc	ctaccacatc	240
aaaaatgctg	cttttaaaat	ttttgtttat	aaattgagaa	ggaattttct	ctctataagt	300
ttctgtcatt	gaacagatca	ccattaaaaa	gaatattaga	atccagcatg	aagataatgg	360
ctaataaaaa	tgaggtacat	actttataaa	accattaatc	agattt		406

<210> 1398

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1398

accaccacgc	ttcaattcaa	tctaaatcaa	ttcaacaaat	ctgtgctgaa	agtataacat	60
ttagttttct	tagacaccaa	atgaacaata	caaaatccct	caagggactt	agaacattca	120
agttttctat	atctgtggtt	ctaagtctgt	taccaacttc	caggactctg	cttctttccc	180
tctgccatt	aacaatgcgg	tgtaaaaagt	gacttcctac	cactatgttt	cttacagctg	240
attcaaccac	tcatctcata	gccaggcatg	aaagaaagga	gcatacccct	aaccgagaac	300
tatttttttag	atggtagtca	tatattttat	tcatattttag	taagtattat	ttcagggtctt	360
attaattaaa	ggaa					374

<210> 1399

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1399

cgttgctgtc	ggccaattca	gggtctcaag	aaagaacagc	ccacaggatt	gacactgaac	60
cttaacaaaag	ttaacaggac	caagctgcag	agaggggtgct	aggacagcga	agccaaagag	120
gaccctcaa	accaacaag	agctgtgcgg	ctccctgatt	cctcgccagt	gttgctaccg	180
cccttggtc	ttcttgcatg	gctggctctt	gagacccctg	gaagctgatg	gaggcaacgt	240
gagaagcaca	tggacatccg	accttgagct	tgagaggcag	aggcctgagt	tctagttaca	300
gccccagcag	taccagttgt	gtggactggg	agggagggcta	tcacgtacat	actccaagcc	360

tccaagcctg tttcccccctc tgacacagga tcttttgtgg ct

402

<210> 1400

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1400

ggcacgagcc	ttcgctaccc	tgtctgcacg	tcccagcacc	caggtaccca	gcacaggtct	60
ggcgagaggg	tagagatggt	ggacctcagc	cagaagtggg	ccccactgca	gcccacactt	120
ctctttacag	ccgaggccag	actcttgggg	tgaggacaac	tgggagggcc	tcgagactga	180
cagtcgtaag	tgcttcccct	gggtgggctg	aagactaggg	ctccccgact	agcccgcccc	240
tacaggcccc	cggcaggcac	tggctggaga	gctgagaccg	gggctcccct	tcctgacgcc	300
aggacaggtc	aaggctgagc	tggcccggaa	gaagcgcgag	gagcggcggc	gggagatgga	360
ggccaaacgc	gccgagagga	aagtgggcaa	gggccccag			399

<210> 1401

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1401

catcattcgc	gcggccgcga	attcttccga	cagcaacggt	tccttactaa	aagaaataat	60
caggaataaa	aaaaagaaat	aacattgttg	gggagaagag	aagggaatta	acatttataa	120
tacttttctt	gcttatttct	agtgttttca	aatttcctgt	ggagagcaaa	atacttctac	180
attaaaaaag	cttttattgt	ctttgttgaa	aataagatac	aagaagtaga	ctttaatttg	240
aaaaaatata	atgtagttaa	ttagattaaa	atgtttatgt	atgaggaaaa	tagggcccagc	300
atggtggctc	atgcctgtaa	tcataacgct	ttgggaggcc	aaggcaagag	gattgcctga	360
gcccaggagt	tcaagaccag	tctaggcaat	gtggcaaaat	cct		403

<210> 1402

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1402

aggagacaag	ggtacagact	gtgagtctag	tcagaagtga	tgcacatggc	tcagtggatt	60
taggcaagtc	atttcagtgt	ttgtacaatg	ggaatagtaa	tataatacat	acttctgaga	120
attatataaa	aaatgtatgt	aagataacctg	tgatcatttc	tctttacccc	taactatact	180
ataagtttct	gagagagagg	gaaaaaaaaa	cataccttat	acatatcttt	atattcctat	240
tggggcttaa	atactttgca	cagtgtgtga	ttaataaata	catgtgcata	agtgtgaagca	300
tgtgtcagca	tgtgtgtgtc	agcatgtaag	tgtgtgtgtg	ttcagaagat	ttaggtgtct	360
tagaatagag	ctgataa					377

<210> 1403

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1403

cgttgctgtc	gtagcgcgcg	aggccctcgg	tcggacggga	cgctcgggat	tcagggactg	60
cctcggcaca	cgggaagtgt	ccctacaggc	gcgggagaaa	gcgcaggcgg	cggcttagca	120
gggagaggca	ggctgcagtg	cacattgggt	caggcacacg	cgaggggcag	cccccgaggg	180
ccgtcccaga	gtcccccgcg	ccgcgggggt	cctaacgggg	tgcaccgtct	tccgccgcac	240
gtggattcag	cgcgatgcc	aaatccaagc	gcgacaagaa	agtctcctta	acaaaaactg	300
ccaagaaagg	cttggaattg	aaacaaaacc	tgatagaaga	gcttcggaaa	tgtgtggaca	360
cctacaagta	ccttttcatc	ttctctgtgg	ccaacatgag	ga		402

<210> 1404
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 1404
 ggcacgagcc tcttcgaagc ccatgttatt gaccgactga agctgctggt gctgtacagg 60
 ggagaggatg atgagctgct acagcgggca gctgccgggg gcttggccat gcttacctcc 120
 atgcgggccca cgctctgcag ccgcattccc caagtgacca cacactggct ggagatcctg 180
 caggccctgc ttctgagctc caaccaggag ctgcagcacc ggggtgctgt ggtgggtgctg 240
 aacatgggtg aggcctcgag ggagattgcc agcaccctga aggagagcga gatgatggag 300
 atcttgtcag tgctagctaa aggtgaccac agccctggct caagggctgc tgcagcctgc 360
 ctggacaaag cagaggaata tgggcttatt caaccaccc aagaag 406

<210> 1405
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1405
 gcaacaccct tctgatgaca ttcccatta acctcagaac ctattgcaag agtatatacc 60
 tctgttaaag aagcagaata tcaaccaaag agcaataaag gaagattagg ttgaaaaagt 120
 gcacatcagc ctcccttgga actctgaaat gtagatttta tggaaaaaat aacagctatt 180
 tttaaaaaaa taatttttgt ttcgagcaag taaaaaatat ttatctctta gtatattaaa 240
 ttacagattg aatatggcat ggtagtctg tgaattctca cagtattata agtttatgaa 300
 atagactctt ctcaagaatt aaaatagaag ttctatgggc caggcaaggg ggctcacccc 360
 tgg 363

<210> 1406
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 1406
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 atgggtctgt atctctctgt gcttatgcag ccatattgtc aaaaaatata tatgctgtct 120
 ctaatttatg catcatatat tttttaaatt atcgtagtta attttgtacc taagaagtaa 180
 acctaatcgt taagttttaa agacaacagc aaaggagatc ttttaaatat tcattttact 240
 ggaactttat tgatcatttg acatttttgc agatttcctc cttgaaatcc ttttatttaa 300
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 agaactttta 370

<210> 1407
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1407
 cattggttct accaagcata agcaaatcaa acaactcatt gagagaatgt catcagccaa 60
 taaaataaga aactgctccc aggcctgaa tcagcttatt aaaattgacc tctgggacta 120
 gcttctccta atacataaaa ttataaaaaa gacttagaca cagaacctca agtctgttct 180

accaggaaat	tttacacaag	tattccagaa	atcaaccaat	cattctaacc	cattagtgg	240
attcagtaag	attgaaagta	ttcaataaaa	tcagaacaaa	atgtctcata	caagatttcc	300
tggcagggca	tgggtgg					316

<210> 1408
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 1408						
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gataaaaatt	tgatcacaca	aaattaataa	tatttgtacc	atcaaattgt	cttactttcta	120
ataacagaaa	gaagtgtctt	ttgaattact	agaatacttt	tattttttgag	cgcttaaaaa	180
ttttttcaac	atttatactg	aacgcttcat	ttgcttattg	cattgcatca	gctaaaatct	240
ccaaaaatat	tgttgaataa	tactgaggat	ggcagatatc	aatctttttc	tgacagcaat	300
gaaaattcgg	attgcattat	aaactatgtt	tgctcctagt	tntgcggcaa	aatgtattta	360
tcaatttttc						369

<210> 1409
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1409						
cgttgctgtc	ggtgcatgcc	tgtaatccca	gctacttggg	aggctgaggc	atgaacatcg	60
cttgaacctg	ggaggcagag	ggtgcagtga	gccaaagattg	caccgctgca	ctctagccta	120
ggtgacggag	tgagattgtg	tctccaaaaa	aaaaaatttt	ttctttgcga	ctgtattcct	180
aattttatct	acatacataa	ttcacttgcc	actcttgact	gtcttactta	ttctgtttgc	240
aaattcatgt	catgggtttat	gtatcacagt	gcagtccecat	gagtttttta	gacaaaggat	300
tagtggataa	gccaaagagac	ctataccctt	cactatatag	gatgcagggtg	tttcaaagtc	360
tggatgtaag	tggtaggcat	ggtggctcac	acctgtag			398

<210> 1410
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1410						
aggtagatac	cacttttttc	acaattacta	aaagccaggc	aaattactag	tattttacat	60
catcataact	cattaatccc	tcacaaagtc	ctataaattt	agtaatgaaa	ttaaaatccc	120
ctgggagtca	gaaacatccc	atttgtgaga	aatacacttt	tcaatttatg	ccaacaaaaa	180
gcagaataaa	attttaattt	atgaattttt	aagatgagaa	aagtggggct	tagcaatgct	240
aactaatatg	tgcaagtttg	tgcaagttata	aggaatctga	ttcataatca	cttttctcca	300
ttgcctccac	ggattaaaaa	ggtgttccca	gccctgcagt	ttttcttaca	gagctcagtt	360
ccttaactac	c					371

<210> 1411
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1411
 ggcacgagga tcagtcaagg atgacgtgag ggtttgctgg gagcaccagg aatcctggag 60
 aaggtagtgg caagaggggtg cagcaagctc agctgggcgg ggatcaagtc tgaggactta 120
 atgtctcttc tgatctccag acccataaagg gagatgctga gtagacaact ggggcttatg 180
 ggtctggagt tcagaggaga gatcgggaag gtgtccattt ggagtcattc acgcagagat 240
 gtgtgaaggc tgctcaatga ttttgagggt taaagaaaaa aagagatgtg aaaccagggg 300
 ccctgatgag gctgcccagg tggtaaggaa gacagaagag aagccatggg acagctgagc 360
 ccgggcaccc tcaagccttg gaggcattgaa gtttgn 396

<210> 1412
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1412
 cggttgctgtc ggcggtgctg tgcctgcag gaagagcggg atgcagctcg ggctgggcaa 60
 ctgagtgagc atcgagagtt ggagactctt cgggctgccc tagaagaaga acggcagacc 120
 tgggcccagc aagagcacca gcttaaggaa cactaccagg cgctgcagga ggagagccag 180
 gctcagttgg aaaggagaaa ggagaagagc cagagggaag ccagggccgc ctgggagacc 240
 cagcaccagt tggcattggg gcagctctgag gtgcggcggc tgggaaggaga gctggataca 300
 gctcggagag agagagatgc cctgcagctg gaaatgagct tgggtgcaggc ccggtatgaa 360
 agccagcggg tccagctgga gtcggagctg gctgtg 396

<210> 1413
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1413
 cggcggccta cggttgctgag atgacgacag aaggggatta aattcctttg ttcataactca 60
 taaatagcac taaagtgtta taacattttc atttacctat ttttagttcc ttcattttta 120
 cttaataaaa atcttggtt gatattcttt gttttttttt ttttttttgg gggagggggg 180
 ttgttttttt accccggggg ggatgacggg gggttttttt tggtttcttg gaaaccccc 240
 cccccgggtt aacccctttt tcttggttta acctgccaaag ggggggggaa cggggggccc 300
 ccccccccc ccgggggaaat tttttgggtt tttaagaaag aaaggggggtc tcccccttgg 360
 tcccaggggg ggtataatct tctgccctt ggaac 395

<210> 1414
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1414
 tcgatctgaa gtccgagctg aagcggcgga acttagacat caccggagtc aagaccgtgc 60
 tcatctcccg actcaagcag gctattgaag aggaaggagg cgatccagat aatattgaat 120
 taactgtttc aactgatact ccaaacaaga aaccaactaa aggcaaaagg aaaaaacatg 180
 aagcagatga gttgagtgga gatgcttctg tggaaagtga tgcttttatc aaggactgtg 240
 aattggagaa tcaagaggca catgagcaag atggaaatga tgaactaaag gactctgaag 300
 aatttgggtg aaatgaagaa gaaaatgtgc attccaagga gttactctct gcagaagaaa 360
 acaagagagc tcatgaatta atagaggcag aaggag 396

<210> 1415
 <211> 393

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 1415
cggttgctgtc ggacgccggt gcagtcctcga accatccctc tggtcatgcg aaacaaagat 60
gtcgtctgcag aagcggccac aggtagcggc aaaacactcg cttttgtcat ccccatcctg 120
gaaattcttc tgagacgaga agagaagcta aaaaagagtc aggttggagc cataatcatc 180
acccccactc gagagctggc cattcaaata gacgaggctc tgctgcattt cacgaagcac 240
ttccccgagt tcagccagat tctttggatc ggaggcagga atcctggaga agatgggtgag 300
aggtttaagc atcaaggtgg gaacatcatt gtggccactc caggccgctt ggaggacatg 360
ttccggagga aggccgaagg cttggatctg gcn 393

<210> 1416
<211> 369
<212> DNA
<213> Homo sapiens

<400> 1416
gaaataaatc agcgcttcaa agacaaaactt ccagtgccca ttccaatcga attcattatg 60
accgtgattg cagcagggtgt atcctacggc tgtgacttta aaaacagggt taaagtggct 120
gtgggtgggg acatgaatcc tggatttcag cccctatta cacctgacgt ggagactttc 180
caaaacaccg taggagattg cttcggcatc gcaatggttg catttgcatg ggccttttca 240
gttgccagcg tctattccct caaatacgat tatccacttg atggcaatca ggagttaata 300
gccttgggac tgggtaacat agtctgtgga gtattcagag gatttgctgg gactactgcc 360
ctctccaag

<210> 1417
<211> 358
<212> DNA
<213> Homo sapiens

<400> 1417
ggatttcacc atggtggcca ggctgggtctc caactcctgg cctccaatga tctcctgcc 60
tcagcctccc aaagtgctgg gattataggg atgagccacc gtgccagct gctaactaga 120
aatgtaaagt gcacagagt gtagtgtctg taataattct agagtataaa aacaatttaa 180
aatTTTTTgg agaatttggt tttcagattt gaaaagaaaa ggggaatgat acacatatct 240
gcttaaaaca atgatacagg aaaggttttt tttaaaacag gctaaaaatt ttgccttcct 300
ttctaattct aaagatgatg gaaatgaaga ccattatgtg ggccagggcg gtgggtca 358

<210> 1418
<211> 175
<212> DNA
<213> Homo sapiens

<400> 1418
cactgctttg taagactttt cttatttttt catatgtaca tttgactttt ccagctaggc 60
tgtaagtccc ctaagggcag ggtgcatatt ttccatatgt tttggcacct atactaagcc 120
tgggtatata gtaagcaatt aataatattt gttaaggctg ggtgtggtgg cttat 175

<210> 1419
<211> 172
<212> DNA

<213> Homo sapiens

<400> 1419

tgtgtcatgg	gaagaagttg	aagggtttta	gttagggaga	gtcataataa	aggttgcaagt	60
ttaacaatgt	cattcttgag	gaataccagg	taaacttaca	gatcagacac	ttaatttatt	120
tctacttgct	ccgaaaactc	cactgacatg	agcatagaga	gtcaaataaa	gg	172

<210> 1420

<211> 172

<212> DNA

<213> Homo sapiens

<400> 1420

ggaacctgaa	atgagaaaag	ggtagtgaag	gaagacttga	tgtccttcat	aactggcctg	60
cactctgccc	agccctcctt	ttctttccag	aagcccacca	gtggcccaga	gtggaagggt	120
gggagtcaga	ccagtcgaag	gttgctaatt	aagactggac	tgccaggcac	gg	172

<210> 1421

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1421

cgttgctgtc	gtggagtgc	agtttccgcc	caccctcag	cagtgcctgg	gctcacctct	60
ccaccacact	ccccacacag	ccagaggcag	gccctcagcc	gcaatcagta	acattcagtg	120
aggacatgtg	tttatcatgt	gttggtgggtg	gggtgcagtga	gttctctatt	caggtaggag	180
tggaagctgg	ctcagggctc	atccagtgcca	atgtcccaca	ggtatagaag	tgccctgata	240
aaatctcaga	gctggctgtc	cagtcaagat	ttgcatacct	ccagaaatgg	ggctcttact	300
acccctcaca	gtagcccat	ctactgttgg	gcacctccaa	tggtcagcat	tttctttccg	360
gcagcctctt	tcttgggctg	gggggg				386

<210> 1422

<211> 278

<212> DNA

<213> Homo sapiens

<400> 1422

gaaatatcag	cctaaacgta	gtttatgttt	aggaagcaac	aaccgtaa	agtcccat	60
ccaaacggag	tggatttagg	tttactttt	tcaaggaaaa	accatcaa	aatttttcca	120
catacttata	aaccatccca	cgtatagaat	ccatttttac	tgacacaa	ttagtacaa	180
taaacgactc	ttcttctcaa	tttgttttat	ttaacaataa	gtcttgaacg	tcattcccag	240
ttaacatttt	gaagagtttc	ctctcttttcg	ttctgttt			278

<210> 1423

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1423

cgttgctgtc	gctggaaagt	gggataatac	tttttacctc	atggacttgt	caggaggatt	60
cattaaaacg	actgcataa	agcctatgcc	acatggtaga	tgccaattca	gggtctcaag	120
aaagaacagc	ccacaggatt	gacactgaac	cttaacaaag	ttaacaggac	caagctgcag	180
agagggtgct	aggacagcga	agccaaagag	gacccctcaa	acccaacaag	agctgtgcgg	240
ctccctgatt	cctcgccagt	gttgctaccg	cccttggtctc	ttcttgcatg	gctggctctt	300
gagacccttg	gaagctgatg	gaggcaacgt	gagaagcaca	tgacatccg	accttgagct	360
tgagaggcag	aggcctgagt	tctaa				385

<210> 1424
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1424	ggtttgaaaa	gtctgttcta	atttcatttc	gatgtgactt	agagaaaaat	actccccgt	60
	gcctcatgcc	cacactctgg	gcagtgccac	ccgcagctcg	gcaattgcca	ccttccttgc	120
	tgtggtttcc	cagccttggg	ccctgcccag	acattggtct	gaggctgcct	ggtgctcttc	180
	cccaccaccc	tgggggccca	ggtttctctt	ccccctgcag	atccagaggc	gtaaaactac	240
	atttggtaac	ctggtttgtc	atgaaagtgg	acatttgact	ttttcttaaa	aatgtttggg	300
	ttatggctgg	gtgcggcggc	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	360
	cgg						363

<210> 1425
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1425	tataaccatt	tctcctcaca	attatactag	agaacttagc	caagctaatc	acaaaataac	60
	aagaaattgt	agggtataaa	atggaataag	gaaataaaac	tggcattact	tgacagagaaa	120
	atgactacat	gttttgagaa	ccccaaaatc	tgacagataaa	ctgttagaat	tgacaaggct	180
	atttagcttc	ctatgaagtt	gatatacaaa	tatcaattgt	ttgttaacat	aagagcaata	240
	aagaaacaaa	gtgaaaatta	ttaaaaggca	ccattcacaa	cattatacac	aaaatcaaat	300
	aattgtaaca	atgtaagaaa	tcaacagaca	catacacaaa	aaataattat	taagataag	359

<210> 1426
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1426	tccatagcgc	ccatggctcc	accaccagtc	aaaggtagtg	gggccagcag	tggactcctg	60
	tgtggttcag	ctctcaaaaa	tgtgaactga	aagacacaga	aaaagacttg	tgtttgggga	120
	taaatactga	gactgagcag	tcttgtggat	tcaggaattg	ggcatccagt	tgggaccctt	180
	tgcaagaagg	gtggttagga	gcacagagca	tgagtaagcc	ggaagcagag	caggagagag	240
	aatggagcat	gtgtgcaaag	agggcgggtga	gatgctgaga	gtaatggggc	tggcccaaga	300
	tgaagtgaga	ggaagcaaag	tgagacagag	gg			332

<210> 1427
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (330)
 <223> n = A,T,C or G

<400> 1427	caaagcttac	tactcttagt	gaatttgagc	tttcctccct	tctcaacgct	tatggtttgt	60
	ataagtacca	tgaagagtca	tgggaatttt	gttcctttta	tttatgagat	atatattcaa	120
	tatatattca	tcttgacat	gtatatacat	cctacttgca	gatttaacct	tgacttgaaa	180
	tttgaaatat	ttaggaagaa	gaaaggaaac	gtcaagagga	aatagaacgc	cagcgtcgag	240
	aaagaagata	tattttgcct	gatgaaccgg	ccatcattgg	acattcaaat	tggggctgca	300
	aaaaagggcc	cggtatgaac	tgaaacatcn				330

<210> 1428
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1428
 cgttgctgtc gaccggagtc aagaccgtgc tcatctcccg actcaagcag gctattgaag 60
 aggaaggagg cgatccagat aatattgaat taactgtttc aactgatact ccaaacaaga 120
 aaccaactaa aggcaaagggt aaaaaacatg aagcagatga gttgagtggg gatgcttctg 180
 tggaagatga tgctttttatc aaggactgtg aattggagaa tcaagaggca catgagcaag 240
 atggaaatga tgaactaaag gactctgaag aatttggtga aaatgaagaa gaaaatgtgc 300
 attccaagga gttactctct gcagaagaaa acaagagagc tcatgaatta atagaggcag 360
 aaggaataga agatatagaa aaagag 386

<210> 1429
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1429
 cgttgctgtc ggagatcctg tgtacaacag caattggagc tctaaaatta aacatcgggg 60
 acctacaggt tacaaaggaa acaattgaag atgttggaaga aatgctcaac aaccttcctg 120
 gtgtgacatc ggttcacagt cgtttctatg atctctccag taaatactat caaacaatcg 180
 gaaaccacgc gtctactac aaagatgtc tgcggttttt gggctgtgtt gacatcaagg 240
 atctaccagt gtctgagcag caggagagag ccttcacgct ggggctagca ggacttctcg 300
 gcgagggagt ttttaacttt ggagaactcc tcatgcaccc tgtgctggag tccctgagga 360
 atactgaccg gcagtggctg attgact 387

<210> 1430
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1430
 gttgagaagc tgggaatggt ggtggaacct aaaagacttc caactctgag gaaattgtgg 60
 tagaaatgga agcagtataa cctatgattg aacttaaccg atgtaggtga ttgagattgt 120
 atttgagag acaatgctta agaaaataaa agaaacccag acataaaaaac tgaagcttta 180
 atggagatac ataaatacat aggaccttgg aaaacaaatg aagtaatata actgcatata 240
 atttggtttac atatataaaa cataggaaaa tggaaataca gtgtattctt aagtgtacat 300
 ttgtgtgtgc gaaattttatt gagtgtcttt actttacata aaccgcggaa ag 352

<210> 1431
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1431
 aagtcggcag agcaaggact tgaagtaagc tggaggtaag ctggagtgtg aagtgtgaaa 60
 tgaactgtat gtgccccttg caagggtgag cagccacagt gccagctgat gttaccttgt 120
 cagaatgtat cttcagtatt gctatggctt tgtttttctt tcaacttgca aatgctgata 180
 actaatacaa aatttttaaac tggtgtctgc aaacatagtc ttggtccaaa agctccttca 240
 gctgataagc aacttcagca aagtctcagg atataaaatc aatgtgcaaa aataagtagc 300
 attcctacac accaacaaca gtcaagttga gagccaaatc aggaatgcaa 350

<210> 1432
 <211> 351

<212> DNA
<213> Homo sapiens

<400> 1432
ttaatgttca aacaacccat agagtggcta tcattactca gattttatct tagagaaatc 60
aaagctctaa taattcaggc tacttttgaa aatttattca tcttcttatg actagaaaca 120
aatatttcaa gcccaaaaga taaagattta aagtaaaaga agtcttaaag aagaggcagc 180
acaatacagt gctgtagtaa ccttttgtga gcatcagact caccagtgga gctttctgaa 240
aatcacatgc ccagctctca caacttgggg agactgtgat tcattagatc tggagtgatg 300
tcctgcgtat actgatgtag tgaaaagaat atgagctttg cattcccagt t 351

<210> 1433
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1433
atgtggaaat tacaaatgca tcaaagtatt ctaactagtg tttagaaatc taaaaatgaa 60
aatattttgc aattatgaag caaagatgac tgacttcaac aaaattgcat gctttcaaag 120
ttcacaaaag tatcaagttt tgactatgca aatgcaagaa gcactaagag taacgataag 180
ctagcaccta tcagagaggt atttcaaact atttacagct aacaccagtc taatctttta 240
aaaaattaaa tataggtcag tcatgggtgac tcacacctgt aatcccagca cttcatgagc 300
ccaaggcagg aggatcactt gagcccatga gttcaagacc agcctgggca a 351

<210> 1434
<211> 378
<212> DNA
<213> Homo sapiens

<400> 1434
cgttgctgtc gggaaactgcg ggtgtgtgtg tgtatgtgtg tgtgtatgtg tgtgcgcgcg 60
tgctgtcgtg tgtgtgcgcg cgctagtgtg tggacaagga ggtgggggca gctgagttag 120
agtcccaact cttggactcc atttgctatt ctcttctttc tccccacac ctatctggtg 180
gtggtagtgg gcgtttat attgcgttcct tttcattcat ttctaaatct cttaaaaaatt 240
ttgggttggg ggtattgggg aaggcaggaa agggaaaagg agagttagtag ctgaagagca 300
agaggaggac atggagatga agaagaagat taacctggag ttaaggaaca gatcccccg 360
ggaggtgaca gaggtagt 378

<210> 1435
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 1435
cgggtaatat ttttagtaga tacagggttt tgccatgctg cctaagctgg tctcaaactc 60
ctggactcaa gcaatccacc tgccccagcc tcccaaagtg ctgggggatac aggcattgagc 120
cactgagccc ggccttaaga catttttctt acgagggtt ttttagccct gagggaaatt 180
tatcatgaaa gcaatagagt tcagagcaag aactctggaa tcagagctca gatttgattc 240
tggataaaac ctgaagagtt atataacctt ggagaagcta actgccattt tgaaccatag 300
tttctcacg tgtgaaatgg gtttcatggt aatatatata actcatggat tataggn 357

<210> 1436

<211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1436
 tattcaattt cctctgttaa tggttcctca agcataatct gagacctccc cccacccgc 60
 caacagggcc tggagatcat aactatTTTT attataatgt ttatgcattt ttgtcttttt 120
 cattgtgctg acatttTgtga agaggaaaac ggctggttcc ttaccacgag tcaaaggcat 180
 agcagaaaat tgttttacta gtcattggat tttttttttt tttttactac tatccactca 240
 caaaaaaaaa aaatttttagt tccactgaaa aatacttttg gggaacaccc aaaaattttt 300
 atttttatta aatcttgccc ctgggggcact ttaaaaaaat aaattttttg g 351

<210> 1437
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1437
 gaataaatgt gttgaaattt gtctttatTC acgagatcat tagaggctaa gtcattggcaa 60
 cacgtgtagt tcaattcaat tttttttgtg taaaattttg ttgagctgca tccatccgca 120
 tatgtaacac taatttggta acagcttctt tatactaagc cagaattaat ttgtcctcat 180
 ggttttgttt taaatgtgtg agctgtatta tatcacattt gaacaagtaa tatagagaat 240
 ataaatttag ttttagagaaa gaaaagtaca ggcacactaa aaatgaatta ggatctggca 300
 gctgacactg attaacaggt tgagcaaatt caactagacc taaatctctg tg 352

<210> 1438
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1438
 acccagtatg taaataccac ttcccactac aataaaaagag ggctcttctg agacaagttt 60
 aattccagat ctagggaaga caatgtataa ggtgaggcag taaaatcatg tcttactaga 120
 gaaaaacgat taagtgaaaa ggacaaaaac cactgggatt aagtgaaaaag gacaaatacg 180
 aaggaagatg ctctactgg cccaaaatgg atctttttaat catcaataag aactgattaa 240
 agttgattat agattaaaaa ataaaatcca ctggtaacca tggaaagata aggggtgaagt 300
 ttcattttatt tgtacaagga ataaatggat ggcagaatta gaatatcact ggt 353

<210> 1439
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1439
 ataatcaaat agcccagaac tggggccaag ccaattctcg tcattgacaa catattcggg 60
 attgtccatg ggttttcata ctgaaacaca aagacaacaa aatttaagta aaatactatg 120
 aattcatact ttgaataact atatacatat attagaaaaa tatacttcat caacttcagt 180
 cagaagctac ataaacttta aatttagcac attaaattga attttaaaat ccattctgtt 240
 ctttttacag atatctccct aaaatcttct ttcaagaata cagaagatgg ctgggcatga 300
 tggctcacgc ctataatccc tgcactttca gaggctgagg cgggatgaac 350

<210> 1440
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1440
 gacagggctg aagaacacag gtcgctgcat ttagaaagga ggcgggggtca gaggaatana 60
 aagggacagg gctgaagaac acaggtcgct gcatttagaa cggagggcggg gtcaaaggaa 120
 tagaaaggga caggactgaa gaacagaggt cgctgcattt agaaaggagg cggggtcaga 180
 ggaatagaat gggtcagggc tgaagaacac aggtcgctgc atttagaaag gaggcggagt 240
 cacaggaata taaagggaca gggctgaaaa acacaggtcg ctgcatttaa aaaggacgcg 300
 gggacagagg aatagaaagg gacagggctg aagaacacag gtcgctgcat 350

<210> 1441
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1441
 cggtgctgac gacctgtttt ttcttttttt ctcaacagct tatttcattt ttttttttta 60
 attaaaagtt tactttttaca tgttttgaat gttggaatat tggcttatat ggggactttt 120
 tgggttttatt aagggttgcc aaattaataa caattttctt attttttaaag ggtctatcca 180
 tgttagttca gctatcactg aagacaaaaa gaaaagtga aaagggcgac cgaacattgc 240
 aaaaattgaa gacatcaaag ttttacaaga aaataatgaa ggactgagag catttttact 300
 cactattgag aatgaactta aaaatgaaaa ggaagaaaaa gccgaattaa ataaacagat 360
 tgttcatttt cagcaggaac 380

<210> 1442
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1442
 gtgccccacg aacgaaagtg tcttcccatc agtccctgca ctgggaccgg ggatcctggg 60
 gtcccttggt cgagctcagg gtgtgcctca gccgctaagt gaaccccaag gggggctttg 120
 ggcgcacaaa gcccatgagg ggaagggtgag ttttgagggg agaggtgagg cacctgtcac 180
 agaaaaagaa agaaaaaacc cgcgccgtgg agaggtgggg cctgggtccc ccacggatga 240
 aagtgccttc ccatcagccc ctgtgctggg taccggggaa cctgggggtc ctgggtttgag 300
 ctcatggaga gccttggggc actaagggtg cccaacgcg gtggaaagcc catgg 355

<210> 1443
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1443
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 tccccgccta tagcagggtg caggatccca ttttctcact ggcgactccc ctgctgctg 120
 gtgaagaagg cagccacagt cggaagtcgc tgtgcagaag cagagaggag gccccgcctg 180
 gggaccgggg tgaccgctt agctcggccc ccatcctagg gggctgggtt ggcaggggct 240
 gcacaaaacg cacaaaaagg aagaaagtga cgtaatcacg tgctcgatga agaacagttg 300
 gcactttgca gatggccagt gtcacgggtg aggtcgggtt gccccacgg gtctagggag 360
 aacgaactct ttggggatga c 381

<210> 1444
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 1444
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 acctaattta tagtttataa tataggaaag ttcattttatt ctctaactat atgagcctta 120
 aatatcttgg agattttttcc tatgatttgc cccagaaatt aaaagcaatt caggggggaat 180
 gaagaatgaa atagagaaat aaaggaagtc tgaaaattca gaaaataaaa gtatagtttg 240
 ggcaaagcaa ctctaacaat attatcatga gctatctatc tttttcaata acaataataa 300
 ctcatggtaa agctctattt ttttctcata aggctacttt gaaatgn 347

<210> 1445
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1445
 gaaccaatct tgaataggga agtgatgcta caaaaatgct aaaaaatgaa ttaatatat 60
 gcaaagtcta gtttagttaa tataaataat gatgcttata tatatggaaa gaaggcaaaa 120
 tataaatagg tagtctatcc atagatatta cattgatcca ggtattaaga acatgaaatc 180
 attaggctct attaaaagaa aaattcattg taattcatac ttattttcta atcacttgta 240
 atagaatttt taatagtcta tttttcagaa caattttagg ctacacagcaa atacaataga 300
 atttttagtta tacaattcat acatgaatac tatttccttg atn 343

<210> 1446
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1446
 tgatgaatta tgaaggaagg acattttattt tgagaatcat gagcattata atattttattg 60
 aggattagaa ttttgttatg tggaggtgct actacctct catgagccac ttctgcactc 120
 aatctcagta agaagaaaat gattaatttg taaaatatta aattatcatg attttttcac 180
 ttttctgtcg gttttttctg ttaatgtcag gtagcttata tttagtcttt atgattaaaa 240
 atgggagaaa gatatcatat taaaaatgca gaggtgggc acggtggctc acacgtgtaa 300
 tcccagcttt gggaggccga ggtgggcaga tcacctgagg tn 342

<210> 1447
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1447
 caagcatgag acacacatct ggcagcttaa catttaaatt acgaggggga aaccctcact 60

tcaagtagtaa	ttttctcaaa	gaaaagaata	gggaatggat	tacaactaaa	tttaatttct	120
ttttaaattt	tcatcttgtc	taattgcagg	catttttctg	ggttctttgt	attcatatat	180
tttcacacat	attttctgta	gattttattc	atctttaatt	tgagatgctt	ctcactatta	240
gagctcttga	aaaattgtgg	tatattttac	atagaaaatt	atctcgagac	atctatctga	300
tctcaagtaa	tatagacatg	gcatagaaaa	tacaaggaac	atgggttttct		350

<210> 1448

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1448

ccatcaagca	ttttgagcaa	agccaaaaat	attatgaaga	aaataaaaaga	atgaataact	60
atcagaataa	gaatgtgtgg	agatctgact	aaataaatatc	tctgttttat	tatagaagga	120
aatgtaaatt	tatgtggaag	agtgtcttaa	actgtaggaa	taggacttcc	aagaagggtat	180
attttggcac	agttgccaa	ttcatgacaa	tcaagtaggt	cgccttggaa	taaatgaagg	240
aaagaaagct	ctctgccaat	ctgcaatcgc	accccttact	cctactgaac	tggcacatat	300
actcacagat	attgctagat	tttaggggtac	tgagggacat	tgatt		345

<210> 1449

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1449

agattgaaaa	ctaacatatc	aaatataaac	cacataacca	taaatgtttt	attttacgtt	60
caactactgt	tttctgtttg	gtgaggaaac	aaaagtcagg	gcaagagggg	gccaataagg	120
agaaaagcaga	agggacaaga	aattggaggc	ttctgttaaca	aagaacaact	agaatgtgaa	180
tagagaaaatg	aataaaatacc	gaagaaagat	cgacttggct	ctttgaagag	gcccctggat	240
taaggccgtg	gaagagatcg	agtactggaa	gattgtcgtc	acaacggaga	attgattgtc	300
ataaaaagacg	acgctagtgt	ctgcaagtca	tacatgtcac	tggctgg		347

<210> 1450

<211> 371

<212> DNA

<213> Homo sapiens

<400> 1450

tacggttgcg	agatgacaac	agacggggcaa	gcataagtac	gctgaagggg	catctgacaa	60
ggctattgat	gtcctcatag	aaaggaataa	gcatactggg	acacactttt	agcccttatg	120
acttgctgcc	tggaatgtgt	ccatgacgcc	tggagatgca	ggagcgtgaa	gatgcacagc	180
aagcagggag	agaagctggg	tctttgacca	ctatcttgag	cagctgtgcc	agccccaggc	240
tgcattccact	tcttgttatt	gggaaggaca	aagccctatt	tacagacaag	tctctattcc	300
atgcagctta	atgcaatcct	gactcataaa	gtacctccaa	accaccgctc	cccagttggt	360
ccatgtcagg	t					371

<210> 1451

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1451

tagttaaata	taaatgggta	attaactttc	caaaaagaat	aaaacagtca	atctctctgc	60
acacacacac	aagatgcttt	tcttaatttt	ttctgtgaat	gacttgactt	gatatttagg	120
ttttaatttt	cttgaacaac	ttaggtgttg	caaaaataaa	aactgttgta	ataaaaagttt	180
tatggcttgg	agagtccctac	ttttcacagc	aaagctgagg	gagaacggaa	aacacatagc	240
tttgatggga	ttcttcataa	aatagcttgt	tttttgtgct	gctgaaaata	gtattgatgg	300

cttggagatg tcacaaa

317

<210> 1452

<211> 315

<212> DNA

<213> Homo sapiens

<400> 1452

gtgtatcaca	tatctagact	tcttgatgga	atattgaatt	tgaatactta	tactatacca	60
acatctcact	aaattaacta	atgaatactg	aatttttagaa	tgcgttactt	gatttactgt	120
attatcagta	agtagcccta	atztatgtac	agaaatttaa	atgtatgaat	tttaatcaca	180
tttatatcac	tttatgaaca	cttaaaaagta	cattcatgac	ccaccagtgg	gccacaaatg	240
ctactttgat	ctacattgag	tttgttacat	acatatcctt	gaaccttata	atggattcca	300
tttagtctta	ccggg					315

<210> 1453

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1453

aaaaaaagct	taatagtcac	aatatatatg	ggattttttac	aaaagaaaaa	cacaaaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aaccctcaaa	120
aaaacagcaa	attaaaaatga	gacatttttg	ggttgggcgt	ggtgggtcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccagggtgtt	gggacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	aaaatacaaa	tattagccag	tgg	293

<210> 1454

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1454

atatataaac	tacaatcaga	gcactgttct	gtaattacag	gctttttacat	ctctctctct	60
cctctagaac	aattctctct	ttcaggatag	gaactgtaac	ttattagcag	ttacatcatc	120
agagctagca	gagtctggtg	aattgtaggc	attaaatatg	ttttggttga	ataaatgaat	180
gaaatataca	ttccattcct	accccaaacc	agtataat	tcttacacct	ctattactca	240
acttctcac	aagggtctgcc	agtcaagagt	cttagcagcc	acaacagctc	cttcaagtta	300
ggatcatttg	aggagagtaa	agtgatgact	taaaaaggta	tgg		343

<210> 1455

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1455

cgttgctgtc	ggaaatggta	aatgatgtac	aagaattgcc	agaagagtca	aaactgcatt	60
attaataatt	gtgaaaaatt	acaagcaaaa	cagctcaaat	tcatggaaga	ttaataaata	120
ggaggtggga	tagttatgta	ataaattatt	ataccgaaac	ttaaatagat	gaattagagc	180
ctcatgagtc	aaccaggata	aattttttta	aagttcagag	taataaataa	ggcgcaggct	240
tacatttata	atataatatc	tgaaaactta	aataactaat	acttatccaa	cataggtaat	300
aatagttcaa	acatgcatgg	aatggaaaaa	caaattcagg	gtagtggtaa	tctctgggaa	360
ggaatgagtg	aattt					375

<210> 1456

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1456

agggtggagc	ctgccctcct	ccacctgaca	cccccaacca	ggcctggggc	tcggtgtctc	60
cagctccaag	tcttccccctc	tccaacagcc	acttaaaggc	ctccctctgg	ctcttctcag	120
agaagaaaat	caaaagaagg	agagagggag	gaaaggcagt	agttcagggc	atggattcaa	180
atctgcatgt	aggagatgga	aaagcaaggt	aggagatggg	cagagacaca	ggaagagcag	240
gagatgtagg	gtgtggcctt	agcacttgct	gggaggtagg	ggtgggacaa	ctgagtgagg	300
agctggctta	gagagcagac	tgtggagttt	agtcctgatg	gtg		343

<210> 1457

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1457

tctacacttg	gattaagaca	agacaagaga	cttcgatgtg	acatgacgca	ccacattagg	60
atagcggagt	aaaggatgct	tgatatgaga	cagtggctat	gctatagtgt	tattctaate	120
caataggagc	tgaagcagac	ccttttgaaa	catcctgtgc	gatagtttta	tgattgacgg	180
acatgaggcg	cagtgggaag	tttttttctt	tcctaaaaac	agattgagag	agtctcaate	240
tcaagggcca	gttaagaaac	tcatgggtga	gcctgtaate	ccagcacttt	gggaggctga	300
ggcaggcaga	tcacttgagg	tcaggaaate	aagaccagcc	tggccaacat	ggtgaaacct	360
tgt						363

<210> 1458

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1458

aggctttcag	aaataaccaa	gaacatcaaa	aataaaggag	actttttacaa	gtgaaaaatg	60
cagtaatcaa	aaatgaactc	aaaagagaga	ttaaatagat	tagacacaac	tgaagagaaa	120
cttagtaagt	gagaagctct	atcagaagaa	attatgccta	atacatggag	acaaagaaat	180
ggaaaaatatt	caagaggagt	taggaaacgt	gtaggaaaaga	atgaacagct	ttaattgtatg	240
ttgaattgat	atgcaagaaa	taggaaatgc	aggcccggtg	caatggctca	tgccctgtaat	300
tctagcactt	tgggaagctg	agggtgggtgg	atcac			335

<210> 1459

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1459

cattcatcaa	tgagtagaag	taaatacatt	atagttgatt	ttgctaaate	ttaattttaa	60
agcctcattt	tcttagaaat	ctaattattc	agttattcat	gacaatattt	ttttaaaagt	120
aagaaattct	gagttgtctt	cttggagctg	taggtcttga	agcagcaacg	tctttcaggg	180
gttggagaca	gaaacccatt	ctccaatctc	agtagttttt	tcgaaaggct	gtgatcattt	240
attgatcgtg	atatgacttg	ttactagggt	actgacaaaa	tgtctaaggc	ctttacagaa	300
acatttttag	taatgaggat	gagaactttt	tcaaatagca			340

<210> 1460

<211> 258

<212> DNA

<213> Homo sapiens

<400> 1460

cacaaaattgc	tctttgctta	aagatcttct	tttgttttgt	ttaacttttc	tagtgcattg	60
-------------	------------	------------	------------	------------	------------	----

tatatcttgt	ctaaattaaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctcct	120
gtggttcaaaa	gtgattttgt	ttatacttca	tcagggcggt	cagtgggttg	gcagatcaag	180
aatactatat	ttaggccagg	cacggtggcc	tgtaatccca	gcactttggg	gggccaaggc	240
aggcgaatca	cttgaagc					258

<210> 1461
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1461						
atttaaagaa	atgaagatat	gtccctat	ctgtactgta	taatttcaat	tgtttttcgc	60
ttgctctaaa	gttcttatca	tcaataatta	tgtaacacta	ttatatactc	actatgacac	120
ttttaagaat	ggaaaaacta	ttcttaggca	tattttat	ttaaaaactt	cttaactata	180
taatagaaga	gcagagattt	ttgcttcttt	tttaaacatt	tactggctga	atatttttca	240
atgacactta	ctatttgtat	aagtttcaaa	ccagatttga	ttccaggcca	ccagaatgaa	300
atcattacct	gagtcaacag	gattacctat	aggcccg			337

<210> 1462
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 1462						
cgggggcagc	aacaagggcc	aacagccctg	gtgctgggtc	gagatccaca	aaactgtcac	60
cttcactaac	tggtatgtgg	tgatgttggg	acctcaaagc	actcaatgtc	tccttttctt	120
ccagaaaggg	ccaaaatgac	ctcctaata	cagatttcct	atcaaggcca	tattcctggg	180
ccctaataata	aaaaatcaag	agttatttca	attattcacc	ccccaccttc	cctgaatatt	240
ccagatgtca	ctaaggaaag	tctaagatgt	ggaacttttg	ctgcaactta	ctggaaacat	300
tcgtccgtta	ctcacttaaa	ttattcaagc	aaattagggg			340

<210> 1463
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 1463						
aacactaata	tttatatgta	ataagtctaa	aaaatagaca	ccaacagcca	gaaactgagt	60
agaacatcaa	atctaata	agacaaagac	ttcaagggtat	aagaacagat	taagtgcagg	120
ctgaatccaa	aatggactat	ataaaactagg	aagcaaggta	taagatacta	ttcttagatt	180
cacaggaact	gaaataaaaac	atctaactct	caacttataa	ttcatatagc	actaaactag	240
gttctaattgt	ttttattcct	ataaaaaagt	gtgttcaaac	aaaactcatt	attgttgatg	300
ggaacaacaa	ctgtgcctta	cagctcaaac	ttatgtaag			339

<210> 1464
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 1464						
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atgcaaatgt	actttctgaat	gcgcacgtat	gtcttttatat	acagatagct	tttaacaaat	120

agcaggtggg	gccggcactg	tggctcacac	ctgtaattcc	aggactttgg	gaggctgagg	180
cggggggatc	acttgaggcc	agaagttgga	gaccagcctg	gccaacatgg	tgaaacacca	240
tctctactaa	aaatacaaaa	attanctggg	cgtgggtggcg	ggtgtctgta	gtcccagcta	300
ctcaagaggc	tgatgcagga	aaatcgcttg	aaccaaggg			339

<210> 1465

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1465

ctgacttctc	tacctgtctc	atattttccc	ccaacccatc	cctcttccca	ccttttagtt	60
tttgaatccg	actaaaggaa	ctgaattcca	agagtcctaat	aaattaaaga	aaaaaaagtc	120
atacaatccc	tacatccagg	aaataccaat	gtaatattat	gggctttttt	ttggtatgcg	180
tttaagaaaa	tactattttac	ataaaaagtt	aaatatccaa	tgttttgctt	ttactttaat	240
gtcattaaat	taaataaaca	ctaagttttac	acattttattt	aaaagtacca	aggtactttt	300
aatgaatata	agataattta	cttgactact	gcttttaa			337

<210> 1466

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1466

aaatcctata	tttctggttt	cggacatttt	ggctattaaa	caggaataact	ccaaactatc	60
tctttcaaac	caattatttt	tcaattttat	aaatcttcca	aataagcaaa	agcaaccaca	120
accataagaa	caaagaatat	ggctacattt	atatagtatg	ttctttttca	aataatttgt	180
aaaggcaaat	ttgaaagctc	tagttgttta	cacgttatca	gtgatgagat	aaaaatgtta	240
gcataaaaaat	ttggaaagca	ttaaatataa	taggaattag	agattgatta	tgtcaatctg	300
atcagtaaat	catgctgatt	tactgaaaac	aaattaca			338

<210> 1467

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1467

tgaccttttg	atcccaccat	gggactgttc	cccagcccta	agcccoctgaa	atgggggggaa	60
agagaaccct	cctttcccttg	tgcccactct	atgatctttt	gaacatgggt	tacctccctt	120
cgcggctttt	ggaacataag	gcaagcacaa	gctcttgagt	ctctagtttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tctgcttac	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	aggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccag			337

<210> 1468

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1468

tataacagaa	cacattttga	agcacaaaagt	gacaggaagt	tcggcagggt	tctcaggcct	60
cattttttgag	gtatcctctt	ggttttgggg	cctcatctgg	cattgcttgc	tcaggccagg	120
cccagcaagc	ggggtgtagg	gcagggcaca	cactggctac	gggggtctct	gcagcaggac	180
agagggggct	ccctactttt	atttttcctg	gggggctcct	tgactgcttt	ggcaagetga	240
tactcggcgt	tatctggtgt	gttttataat	tttttttagg	atgtgtgtgt	tcttcccttg	300
gaggggggtgc	cgtctttaat	ttttctgcgg	ggggggtt			338

<210> 1469

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1469

gaagaatgag	gatcaaaaagg	taaaataactt	tataaattaa	tttttctttt	ccttatcctc	60
cgtgactgct	ataaagactg	tgaaagggtga	aggctaattg	agtagaactt	ccttacatcc	120
acaatgtatg	ggatctactg	tagtctacac	agttgacagt	gtaacataag	ccttactaga	180
tcagttcatt	attataattc	tatggccacc	atctgtccct	actcatagta	agtttacaga	240
gacgataaaa	gatctaattt	cagttctacc	gatcccattg	gctttataaa	cccttaactg	300
aagcttagca	aaaggattag	tagaaaaacg				329

<210> 1470

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1470

ggcagccttc	atgaccacaca	tgtgaatgtg	tcttatatca	aatattatgt	ttaatttaat	60
tatgtgcaat	tgaggtagaa	taaaagaaga	aaaaaaagac	taggacaagt	ggaaaagaaa	120
gagtagcaca	gtacatttac	agcagttgga	aattatacat	tttgcataag	aggtaatcag	180
gatatagact	aagcagcact	tacaaagata	ttccaaacaa	aactaatgtg	caaacaaaat	240
agaaggatc	tctaccactt	tctctcattc	atttaaatgt	ttagttatca	tccaataaaa	300
atttaagaca	cggccgggag	cgggtggctca	tg			332

<210> 1471

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1471

acccacctca	gcctcccagc	gtgctgggat	tccaggtgtg	agccactgca	cccagccagg	60
tgtgattttt	aggcggaaatc	ttaacacagt	attgaaagat	ttcttcaaac	cagaagaaaa	120
gcaggtatct	gaaacatttt	agtgtctggc	acagagttgg	agatgaacag	ggaagctgag	180
gatcggtccg	acggctggca	gcaaagtga	ggagaccgga	gcgcacaaaca	ttgacatgac	240
ttctgttggt	catgcggcct	cttgggaaat	gtttttccat	gaactgttgt	ttagaaatgt	300
ct						302

<210> 1472

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1472

gagccaccgt	gcctggcctc	accattgtta	aaattatgga	aatcgtgttt	gcaaagcagg	60
ttggcctggt	tggaagagg	tgtcataatt	tctcaggtaa	ctccaaaaag	agaaagctac	120
gaaaattacc	ttaatacatt	cattacagtc	tcagtataag	attatagctt	cctctcccaa	180
agcgtaacca	caacctgacg	caggatgagt	tggtttgaaa	ataccgcata	caatatcctc	240
ttgagttaga	tcataattta	gaactctaaa	aatgaccgga	aacaaaactg	tccaagtttg	300
tttaacgtaa	tgtgtttcaa	cttattttgac	t			331

<210> 1473

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1473
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atagaagcct tctttccttg ttgccactct tgtatctttt gaacatgggt tacctgcctt 120
cgcgtctttt ggaacaaaag ggaatcataa gctcttgagt ctctgttttc tgctgtcatc 180
tactcttcct gcctctggca cctcccagct cctgactttc tcctgcttcc ccctggagcc 240
agagacgtgg ctgggaagag cccctggcct ttgaagccag tggcgggtgg gaccaggggc 300
aacaggccac tgtgctcctg gatgctgg 329

<210> 1474

<211> 323

<212> DNA

<213> Homo sapiens

<400> 1474
ggggggggcg taaacgacag aagggaactg ttgtattttt aatagacaat ttcacgacgt 60
tggcgaggct ggtcttgaac ccctgacctc aggtgatcca cccgcctcag cctctcaaag 120
cgctgggaca ggcgtgagac accgtgctgg gacagtagta acttctaata gataatgtat 180
gcgtgggggtg gaaaggggag taccagtatt tttatttcta acacatatac aaaacaccag 240
cttgctgttc accctgaaga accctgggca cagagcttat tcatattatc gtgccatcgt 300
gccctatgca ttcttcaatg ggc 323

<210> 1475

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1475
atccattggt aaagaaataa atcagcgctt caaagacaaa cttccagtgc ccattccaat 60
cgaattcatt atgaccgtga ttgcagcagg tgtatcctac ggctgtgact ttaaaaacag 120
gtttaaagtg gctgtggttg gggacatgaa tcctggattt cagcccccta ttacacctga 180
cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc atcgcaatgg ttgcatttgc 240
agtggccttt tcagttgcca gcgtctattc cctcaaatac gattatccac ttgatggcaa 300
tcaggagtta atagccttgg gactgggt 328

<210> 1476

<211> 323

<212> DNA

<213> Homo sapiens

<400> 1476
gagagaggac agagaggcgg gtcacagctt gacctgggtt ggtcctttcc agctttgggt 60
catagagagg aatttggtt ttcttttaag tgcaatggga aattgttgta agattttgag 120
cagggctgca ccattatttg acttatgtgt taacagcgtg agagttaaga atttgctgct 180
aggccaggcg cagtggctca cgcctataat cccaacattt tgggaggccg aggtggtaca 240
cttgaggta ggagtgcag accagtctgg ccaacatggc aaaaccctgt ctctactgaa 300
aaatacaaaag attaggttgg gca 323

<210> 1477

<211> 135

<212> DNA

<213> Homo sapiens

<400> 1477
ggaacctgaa atgagaaaag ggtagtgaag gaagacttga tgtccttcat aactggcctg 60
cactctgcc agccctcct ttctttccag aagcccacca gtggcccaga gtggaagggt 120
gggagtcaga ccagt 135

<210> 1478
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1478									
ttgcctacaa	ttctaccacg	tattttctat	aagcatgcaa	atctagtata	ggtagaggat				60
attacaggct	aattaatctc	ttggcatctg	gtctaccag	gcccagtgct	ttgttcttga				120
acaaacaaat	aaaaaaaaaa	cacagagaaa	taaccatgca	aatatgagaa	atgttgacaga				180
aatttgaaat	tgagacagct	tcctcttttc	tataggattt	tttttttaggg	gaaaacaatc				240
tctatattca	gtcttatata	ttacctgcct	tcaaaaaatc	aaaacattga	aagttaagca				300
aaattcctgt	cagaaagg								318

<210> 1479
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 1479									
aaatggacga	aggaggaaaa	agaaaggaga	agagtttgaa	gacagaagaa	attaaggaaa				60
gtaaactaaa	gcaattgaaa	ctatttggca	atcctttccc	tctcaactct	aaggcttatt				120
ctaaattagg	ggttttctag	atatacaatc	atgtcatctg	caaacaggga	caatttgact				180
tcctcttttc	ctaattgaac	accctaaatt	aggaaagtta	aacacctaaa	atgtcaacac				240
tttcatttaa	agaatgtggg	agagccgggt	gcaagtggcc	cacacctata	at				292

<210> 1480
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1480									
gggaggggcg	ggagggagga	taggagagca	ccacacatag	tcaggggagg	ctttcaaaag				60
agtcttgact	ctaagaatac	ccaaaaagaa	aggtaatgca	aatttcaaac	ataccacatg				120
cattttcttt	tccttcccaa	atcccactaa	ggctattttt	tttaaatacca	ggttctagtc				180
ctgggtttgt	catgacctta	atttaccctt	cacctaatca	cctttgactc	agtttcttca				240
tctataaact	gaggggcttg	gcctcactga	gttctaattg	cctttatata	tttaattctc				300
tatgagtcta	agatgcaatt	tctc							324

<210> 1481
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1481									
tcacagtcac	cacagcttcg	ttgcacatct	tattttcttt	gataatcctt	cagggtttttt				60
tttaaagaca	atattgtacc	tttattttta	ttattataca	tttcttacat	tgtcttatga				120
ttctgatggt	tcttcagtga	tccactgaaa	acacctttat	aatcactgaa	taggatatta				180
aagaagtgtt	tttcttgact	ttatcacatt	gcttttggat	ctttgaaact	ggagagaaaa				240
gtcgggcaca	gtggctcatg	cctgtaatcc	caacactttg	agaggccaac	aagtttgagt				300
ccaggagttc	aagacacctt	gggca							325

<210> 1482
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1482

aaggtggctt	tactaatcga	tattcttata	ctgacaagtg	ctcaaacatg	gcgtggcaaa	60
gccttcatta	agcactgatt	agcagttaat	ctgtctttca	ggcagctaac	tttgctgagt	120
aaatgtacca	atgacccta	aaaatgctac	aataatttta	tttaaataat	tgcaagtctt	180
aggaacacct	ctaaatcata	aaaagaaaat	gaaaaaatag	aatgggtgac	actaacaatg	240
tgtatttttt	gttcattgct	aaaaaaaaa	tgaaggtacg	gtgtcaagtt	tcatgggtga	300
ctttttcttc	ttagtcggaa	at				322

<210> 1483

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1483						
ggctagagta	cagtggcatg	atctcggctc	actgcaacct	ccacctcctg	ggttcaagca	60
gttctctgcc	tcagcctccc	aagtagctga	gattacaggc	tteggccacc	actcccggct	120
aatttttttt	gcatttttag	tagagatggg	ggctctcccc	cgtgcctccc	ctaccactca	180
tttcgatccc	ctcaaattca	tcttctccct	gcttctgtgg	ctacattatc	ctgacctgac	240
ggaatatcgt	tctgcatggc	tcgcttcccc	atattttccc	cttgcacatc	accgggttact	300
catgttattg	cccctcgag					319

<210> 1484

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1484						
tcagctaatt	cactcttttc	ttctttctgg	taaggaaatt	gaggcttcag	ggtgattttg	60
tgactttcca	gacatctgta	gtggaagaac	taggtctagg	cccaaatacat	ttaattacta	120
gctgagcgac	ctgcacacaa	ctgcaagaaa	ttgttccatc	acaaaacttc	aggatgattg	180
gggttctctc	tttttctctc	ttttattcca	agcttaaaaa	aaaaaatctg	ctgaacgtcc	240
cactggagct	gaaattgtag	aagacaacta	gctctttaat	tatgatgtgc	agggagctgc	300
ttttactttt	cacttggtctc	tg				322

<210> 1485

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1485						
accctaactac	ttgagaaatt	agctgctcaa	tattgacatg	gacactgaga	agaaaaatac	60
attttggcat	aaaattagga	agaataaaat	tttattatgg	gaggcttcat	attcaaaaac	120
aactaaagca	ttttaaaata	taccatttac	aataacaaaa	agagagttaa	ctgctcggat	180
cccattgaag	ttcatgaagt	tgatatactg	tagcaatcaa	aattctcaag	attaatattt	240
catgacagaa	tacctggatt	tagggccagg	cgagggtggct	cacgcctgta	atcccagcac	300
tttgggaagc	caaggccggc	c				321

<210> 1486

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1486						
taaatgtcta	ctaccatgtt	taacattata	tttgaccagt	attcattgaa	cagcaacaga	60
aaaaaaatat	agaatatata	agcaatgttc	tcaaaaatct	attagcagta	aaataaaaata	120
tttttcttat	agtgaaaaaag	taatcaccat	gataaagcaa	attccaatat	aagtacagaa	180
atatcataca	aatattttta	cagtttttag	ttccattcct	gttatgtatg	ttagtaaaca	240
aaaattagaa	tatttttaag	cctatgtatg	acagtttaact	atcagaatta	ttcttgtaca	300

ttgagaacac tagacagtag g

321

<210> 1487

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 1487

gaggaaacta	ctgtgtatat	gtttttaaaa	cattttgaaa	tgggtccatat	acttacatat	60
aattttctgaa	ttctgaaaga	ccaagatgat	tcttcaatag	ccacaggtct	tggaccctgt	120
ttctcttaat	aactgtaact	atagaacttg	ctcagtgcct	tactcttagg	agaggcttca	180
gaaatatatta	ttgcatgcaa	ttactgaata	tatggcacat	gtaacatctg	ttgtatcaac	240
agataaacag	gattctgagc	tgtttttttc	tccattgggc	ttcaggtaca	tagaaatgga	300
ttgacggccg	ggcgtggtgg	cn				322

<210> 1488

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1488

agaagggggg	caccctgcca	tgccactgct	gcctgtgtat	gtgcatccca	cccttctccc	60
cgctgctgaa	ccaccactgt	agttagaaca	ttgtcgggga	cagagcccac	cagccccgct	120
cctgccaggg	cccactcctg	tgctgaaatt	atcaccagca	tgaaactaga	catgaagaaa	180
agcagaccta	gcccttccct	gagtggccac	tcttgcccat	gggaacacac	acagagtgtg	240
cacacagtcc	tgcaccaacc	agtgccccac	ccctgcacta	acatcactgc	tggttcacac	300
acccacagtt	atgggggaggg	gcgttttccc	aagc			334

<210> 1489

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1489

aggtgtatcc	tacggctgtg	actttaaaaa	caggtttaaa	gtggctgtgg	ttggggacat	60
gaatcctgga	tttcagcccc	ctattacacc	tgacgtggag	actttccaaa	acaccgtagg	120
agattgcttc	ggcatcgcaa	tggttgcat	tgacgtggcc	ttttcagttg	ccagcgtcta	180
ttccctcaaa	tacgattatc	cacttgatgg	caatcaggag	ttaatagcct	tgggactggg	240
taacatagtc	tgtggagtat	tcagaggatt	tgctgggagt	actgccctct	ccagatcagc	300
agttcaggag	agcccaggag	gg				322

<210> 1490

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1490

tccggctgct	atatttctat	tgagggatgc	atttgccgtc	tgccctcctct	ttcttggtgt	60
ttgtgttagt	tgatttggtc	gttttaggtc	tttaagtatg	ttttggtttc	gtcttggtgt	120
tggttatca	tgtatttttg	tggtcagggt	gtcttg			156

<210> 1491

<211> 233
 <212> DNA
 <213> Homo sapiens

<400> 1491
 tcttatagg gatttctgtc ttatagggtga ttataatcaa gtgtaggctt cctgaatttt 60
 gacatccttt tagaacttgg gtctggaatt ccagaaatgt taattgctgc ttgtatttgt 120
 tcttgtttgt tttttagcca gtatttgccc tttctatcca gccttatgaa taatagcagt 180
 aaaatcacag tatcttggtc agtctttatt ttttcccttt gttctttttt acg 233

<210> 1492
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1492
 tcactcaaag gtttcattgt ctgaaatata agcctaaacg tagtttatgt ttaggaagca 60
 acaaccgtaa atagtcccac atccaaacgg agtggattta ggtttcactt tttcaaggaa 120
 aaaccatcaa ataaattttc cacatactta taaaccatcc cacgtataga atccattttt 180
 actgacacaa atttagtacc aataaacgac tcttcttctc aatttgtttt atttaacaat 240
 aagtcttgaa cgtcattccc agttaacatt ttgaagagtt tcctctcttt cgttctgctt 300
 tagctgcaaa gtattct 317

<210> 1493
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1493
 cagaggatta agttgagcat ggggcctcat tacagggcag ggactctgtg actgcactgc 60
 cactttccca taaagcctgc cttgggggatg ggggaatacca cgtaggaaag agagtcttta 120
 aagtgttctg gggacagggtt tttaaagttat ttgaatgact taagagctcg tgatgtcctt 180
 tagatacaaa agattttcac gtggggaagg acattaaatt tgttttttat aaagttcact 240
 ctggcgctta atcatgtaga aagactagta ggtaagtcaa ctaaaaaact gttggatagt 300
 ctaggaaagt gggt 314

<210> 1494
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 1494
 taatgttaga ggactgtgaa agttggggaa agaagtttag tttgtaggta cttgtttttt 60
 tgagcaggga attgtcttgg ctggagggtga atgtcagata ggttaatgta ggcaagtgtg 120
 gaatggaaat gaaggtgtga tcatttagga ggttatttgt ttaggtgaga gagttaatga 180
 attagggttt gtattaacga atgaaaatgg gagcagataa atttttaaca aattaagaat 240
 catattttta aatcagcacc aggcacctag aactcattgg caaatagaaa ctttcaaaag 300
 atataatcag gtn 313

<210> 1495
 <211> 314
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 1495

gtgccttccc	atcagcccct	gtgctgggta	ccggggaacc	tggggttcct	ggtttgagct	60
cagggagagc	cttgggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgacaggaag	120
gtgagctgtg	agggaggaga	ggtagggcac	tactggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
ggggcccgtg	gacccaggcg	accctgggtc	taggcctggg	tgcacctcan	gcccgcctagg	300
tgtaccccaa	agca					314

<210> 1496

<211> 312

<212> DNA

<213> Homo sapiens

<400> 1496

acagtcagag	gtaaaagaggt	cactgatgat	cttggtcaga	ggagtttcag	gagcctgaca	60
gggacggaag	ccggcaagcc	ccgaatcagg	gaaggagtgg	gaggtgagaa	cagatgatca	120
agggcagatg	actcttgcaa	ggcgtggctg	agaagcatag	agacacagtg	aggctcttgg	180
gggacaactg	gaaggcatgg	ggcactttga	ttttaactca	gggaaccctg	agcttaccta	240
agtgcagatg	gccagtcaca	gctgcaaccc	atagactaag	aagccatggg	ccaggtgcag	300
tggctcacac	ct					312

<210> 1497

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1497

gcgtgtgtga	gtgggtgcat	gtgtgagtgg	gtgcgcgtgc	gtgtgtgagt	ggatgcatgt	60
gtgtgtatga	gtgggtgcat	gtgtgcgtga	gtgggtgcat	gtgtgcgtga	gtggatgcat	120
gtgtgcgtgt	gtgagtgggt	gcatgtgtgc	gtgtgttaat	gggtgcatgt	gtgcgtgtga	180
gtgggtgcat	gtatgtattc	gtgggtgcat	gtgtgcacgt	gtgagtgggt	atgcgtgcgt	240
gtgtgagtgg	gtgcatgtgt	gaatgggtgt	gtgtgcgtgt	gtgaatgagt	gcatgtgtgc	300
atgtgtgaat	gggg					314

<210> 1498

<211> 307

<212> DNA

<213> Homo sapiens

<400> 1498

ggaggcggct	gtggcatttt	gctcacattg	gatacctgat	tgggacattt	atttaaaatg	60
ctaccatttt	tcaaatcttct	gagccaacat	catgatttaa	ttataccggc	ttcatcgcaa	120
gtttttacaat	ccgataaagc	aaggcccact	tcattagcta	tttttttctt	tatataacat	180
gccctaataa	ttcatttttt	cttgtga'aaa	aatgaaatgc	acaattttta	taaaattcta	240
attatgacgg	ctgacattcc	aattaaaaac	ctgcattttt	gttttagaggg	ctcttttaata	300
atattag						307

<210> 1499

<211> 251

<212> DNA

<213> Homo sapiens

<400> 1499

gaacaataact	tttctctaac	atcgtacgag	gaagaaaaca	aacacatcag	atattttcag	60
cactaaaaga	gatggctttc	cccacatata	tgtcaaagaa	atatgcaaga	ctactggatt	120
ttgatctcat	ggttgcagcg	ggtgaatagg	tggccttttg	tgatctccta	catcacctg	180
gaagtgcagac	ttcttcgggt	tcttctagag	tcagattggg	atcagaatgg	catagcaact	240
taaccttgca	g					251

<210> 1500

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1500

tgacctggat	caactatgaa	catttacatt	tattagttaa	catctacatt	ggctaaactg	60
tagcatctga	cttgatgtca	tcctaaaata	atatttcctt	cggagtattt	tcttcactct	120
gtaattgcta	actgctttcc	tatttgtttt	gtaacttatt	tccttaatta	gagaatattt	180
ttaaaaataa	aatttgagca	aggattgtag	atacctgaga	tttagtctgc	ctctgcttta	240
aatcagtgtg	ccagtttgct	aagtttgcca	taatgaagta	ccacagagaa	cgagtagttt	300
aaacggcag						309

<210> 1501

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1501

gtgccttccc	atcagcccct	gtgctgggta	ccggggaacc	tggggttcct	ggtttgagct	60
cagggagagc	cttgggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgagaggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tattggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggccccgtg	gacccaggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgcctagg	300
tgtacccca						309

<210> 1502

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 1502

ggactttggc	aaagagcctg	cgcaaatgct	gtcaccgata	ttccagtctg	gatcctagaa	60
aggttcaatt	ctacttcaac	aaagaaaatt	tttgagttat	aggaataagg	acggtaatct	120
gcattttgtc	tctttgtatc	ttcagtaatt	tacttggctc	cgtcagggtt	gagcagtcac	180
tttaggataa	gaatgtgcct	ctcaagcctt	gactccctgg	tattcttttt	ttgattgcat	240
tcaacttcgt	tacttgagct	tcagcaactt	aagaacttct	gaagttctta	nagatctgaa	300
gttctt						306

<210> 1503

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1503
cattatagtt gattttgcta aatcttaatt taaaagcctc attttcctag aaatctaatt 60
attcagttat tcatgacaat atttttttaa aagtaagaaa ttctgagttg tcttcttgga 120
gctgtaggtc ttgaagcagc aacgtctttc aggggttgga gacagaaacc cattctccaa 180
tctcagtagt tttttcgaaa ggctgtgatc atttattgat cgtgatatga cttgttacta 240
gggtactgaa aaaaaatgtc taaggccttt acagaaacat ttt 283

<210> 1504
<211> 282
<212> DNA
<213> Homo sapiens

<400> 1504
gagccaccgt gcctggcctc accattgtta aaattatgga aatcgtgttt gcaaagcagg 60
ttggcctgtt tggaaaaggg tgtcataatt tctcaggtaa ctccaaaaag agaaagctac 120
gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa 180
agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc 240
ttgagtagaa tcataattta gaactctaaa aatgaccgga aa 282

<210> 1505
<211> 380
<212> DNA
<213> Homo sapiens

<400> 1505
atggatgaag atttgtcagc ctcccaggat cactctcaag ccgtgactct gatacaagag 60
aaaatgactt tattcaagag cctgatggat agatttgagc atcattcgaa cattctcctt 120
acctttgaaa ataaggatga aaatcacttg ccattggtac cacctaacaa attggaggaa 180
atgaaaagac gaatcaacaa ctttttgaa aaaaatttat tctacttcta gaatttcatt 240
actacaagtg cttagttcct gggttggttag atgaagtgaa atcaaaattg gatatttgga 300
acattaaata tgggagcaga gaatctgtgg aattattgct ggaagactgg cataaattta 360
ttgaaagaaa aagaattcct 380

<210> 1506
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1506
ctgatttgga gctggctgac aggaagtgtc tcaacccac aggagtatgc tgatgtaaaa 60
cagagaagaa ttcagttccc acaacagaaa gcaaaggctt tagccttatt ttatgccaga 120
ctagctgact ccaggggacca tgatctgtgt ttctctgaaa atcattctac tttctaattt 180
ctctaaacct acaaaaactt ttctctcctc cttctctttt atcttctctc tctataacaa 240
ccaggccttt gaaggatatca ggggtgggaa agaaaagggt ctaatagggt aatatgtatt 300
gaaagaagtc gatgaaataa attttttaaa acatcaagta aaataggcaa cac 353

<210> 1507
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 1507
tccacgggat acctgggcac tgggtgactg cacctgactg gtggaaagta ntactcacg 60
ccatgcacca gctccctcg cccagtgaa cctgccaac cccaccacct ccagagcctc 120
acccctgcac caacactgcc gcaagagtga aactaggaag ggagaacaat ggacctcccc 180
taccctgagc agccacccca cctgagtgat catgcacaga gggcaggcac agacctgcac 240
ccgccagcac ccgaccccca tgctaatacc accaccagca cagtagccag caggggacct 300
caaagcagta ttgctctctg tgctgctgtg aatgcctgca gggagggc 347

<210> 1508
<211> 176
<212> DNA
<213> Homo sapiens

<400> 1508
tgggaacaat ccaaagagtc taagtttctt ttccatccag cgtgagtttc ctatttagtg 60
aagtaaagct caacttttat caatagtttc attctcttgt ggtatgtaaa acctacacac 120
actcagaggc acccagagga aactacactc tgagggtatta gttaaattctc tgcaag 176

<210> 1509
<211> 334
<212> DNA
<213> Homo sapiens

<400> 1509
ggagtcggac tgggagtga acccagctca attcctaata ggttgaagat atgattacct 60
caatgcagtc tgcttatcag aaaggcatat catatcatcc ggatgtttta tatacaatgg 120
ttggcataca acaaaagact gttagatatg gaaggaagca agaaaatgtg accaaatcaa 180
gagaaaacaa aaccaaataa agaatatcca gataattgag ttagcaaatg agaaccttaa 240
aataactgat taacaagttt tagatgataa aagaaadagag aacttccgtt ggaatctgca 300
gaaatggtgt aaaatgaata ttctacaact ggag 334

<210> 1510
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1510
tccgataaag caagtccac ttcattagtt ttttttttct ttatataata tgccttaaac 60
attcattttt tcatgtgaaa aaatgaaatg cagaatttta ataaaatcct aattatgatg 120
gctgacatca caattaaaat cctgcatttt tgtttaaagg gctctttaat aatattaaat 180
cttagcactc aagagtcctt gtacatcatt gaaatctttt ggtcttggtt ttggaatatt 240
cttcacgtaa gtatatcata gctaactgaa tttattttcta agtattttta cagttttatt 300
tcatattttg acattgtgaa ttggtttttt t 331

<210> 1511
<211> 434
<212> DNA
<213> Homo sapiens

<400> 1511
atatctacat agatcttttt gcatgattcc accgattcca tccgcacgaa ttccgttgct 60
gtcgccta at gtaacaaaac tattatctgg aagagccaaa atttgaactc agatctctct 120
ggccctacta aatgcatcac cataaattat ttcattgggca atctttccct gcaccttaat 180
tgatttattt ctgccaaatg tatgtgttcc tacatcttta tggaatattc tgacatggga 240
atgccccag gtctgtgaag actggcttct ctgggggttg atcaataaat gaaggaaaat 300
tttgacggg gtatatacaag atgggggggt gaaggggggac aaattggtca atatagctcc 360
cttcaaaaac aaaccctcag tatatctttg tgatgccaaa ctagagatta tttcctttgt 420

434

<400>	1512							
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tgggggtaat	gactttgata	ttgaagatga	agtagttgaa	gtagaaaata	gggaagaaaa			120
cctactgaaa	atttctcgca	gagtgaagaa	gtacaaaagt	gaaattttga	atcctcccag			180
ggaagggaaa	aagcttttgg	tgctagatgt	tgattataca	ttatttgacc	acaggtcctg			240
tgacagagact	ggggtagaat	taatgcggcc	atatcttcat	gaatttctaa	catctgccta			300
tgaagattat	gacattgtta	tttgggtctg	aacaaatatg	aagtggattg	aagctaaaat			360
gaaagagctg	ggagtgaagca	caaatgcaa	ttataagatt	actttcatgt	tggatagtgc			420
tgm								423

<400> 1513							
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ctcaggagg	ggaggatgat	acctttctaa	cagcccaaga	tggtgaggaa	aaagaaaatg		120
agaaagatat	accaggttct	ggtgagggtta	cacaagaagt	atctaaacct	cttccttcag		180
aagggagcct	agctgaggct	gatcacacag	ctcatgaaga	gatggaagct	catacgactg		240
tgaaagaagc	tgaggatgac	aacatctcgg	tcacaatcca	ggctgaagat	gccatcactc		300
tggattttga	tggcgatgac	ctcctagaaa	caggtaaaaa	tgtgagaatt	acagattctg		360
aagcaagtaa	gccaaaagat	gggcaggacg	ccattgcaca	gagcccgag	aatgatagca		420
aqgatn							426

<400>	1514						
catgcgccac	cacacctgga	tatttttttt	ttttgcattt	tcagcaaaaa	ttggcctttg		60
ccatgttgcc	caggctggct	tcaatctcct	gacctcaagg	gatcaaccaa	cctcctcctc		120
ccaagggggg	gggattatag	gtgggagcca	ctacacctgg	acagaattta	ccttatttga		180
attggcaaa	gggaagtcc	caaaacagac	catgttctac	aaacttgtgt	attgtggggc		240
aaggaattga	tgctttttt	gattccgcagg	agcaacaaaa	ttacctcac	cttgcctggg		300
ggcgggggct	cacacctgta	atcccaccac	tttgggaggc	caaggcagga	ggatcacaag		360
qtccaqaqat	aaaaaccatc	ctct					384

<210> 1515

<211> 413
 <212> DNA
 <213> Homo sapiens

<400> 1515
 cgttgctgtc ggatcatttg aagcaaacct cagaaatcac ttatttctta aatatttaag 60
 tatgcatctc taacttatta aaattttttt ggttttgttt ttgttttttc tgagacggaa 120
 ttctgctctt gttgcccgag ctggagtgcg atggcgcaat cttggctcgc tgcaacctct 180
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcagctggg 240
 tgtggtggcg ggggcctgta atctcaacta ctggggagggt tgaggcagga gaattgcttg 300
 aacctgggag gtggagattg cagtgaagctg aaatcacgcc actgcactcg agcctgggca 360
 actgaacgag actctgtctc aaaaaaaaaa ggccaggcat tgggggttca tgt 413

<210> 1516
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 1516
 tacggctgct atgaagtcta cagaagggtg cccctgccaa tgttaccctt ctcaatagcg 60
 ttgcattttc tgaaagtctt ttatcttaaa agttgtatgt ggattttcaa ctttatgttt 120
 ttatttttaa aaataagatg tgatgttatt ttcaaagct caaaactatg ttaccctat 180
 aagttacaag cctcctgggc cacatattca tttttaagaa gcagagaatt atgatgacat 240
 atggatttca ggacctctga gggaaacttg atggggggac cattaatatt gtatgtgcgg 300
 ccgggcgcgg tggctcacgc ctgtaatccc agcacttggg aggccgaggg gggcgatca 360
 cgaggtcagg agatcgagac catcccggct aaaacggtga aaccccgctt ctactan 417

<210> 1517
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 1517
 taccctgcc aatggttacc ttctcaatag cgttgcattt cttgaaagtc ttttatctta 60
 aaagttgtat gtggattttc aactttatgt ttttatttta aaaaataaga tgtgatgtta 120
 tttttcaaag ctcaaaacta tgtttaccct ataagttaca agcctcctgg gccacatatt 180
 catttttaag aagcagagaa ttatgatgac atatggattt caggacctct gagggaaact 240
 gcatgggggg accattaata ttgtatgtgc ggccggggcg ggtggctcac gcctgtaatc 300
 ccagcacttg ggaggccgag gcggggcgat cagcaggtca ggagatcgag accatcctcg 360
 ctaanacggt gaaacc 376

<210> 1518
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1518
 cggttgctgct gcattatcat ggaattgaat attgcttgga tgaccgaaaa gctttggaaa 60
 gagatggagg attttctgaa cttcagtctc gtcttattcg ttatgaaact caaactacct 120
 gcaccagaga aagttttcca gtacctactg tgttgagccc tcttccatct cctgtagttt 180
 cgtcagatcc tggagagtgc cctgacggag aagttttaca aaatgaactt cgaactgaag 240
 tatcccgatt gaaacggaga tctaaagatc tgaattgcct ttatcccaga aaaagacttg 300
 tgaaatcctg aagttcagag tctcttcttt ctcagacaac tggtaatagt aatcactatc 360
 atcatcatgt gacatccaga aagccacaaa cagagcgggc cttaccagtg acttgn 416

<210> 1519
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 1519
 cggttgctgct ggggctggtg tgagagctat aggcttggac gtaaaacaat gctagatgtg 60
 gtgtctgctc ctgagcttaa aagtagcttg agaaagacag tgatattatc agaaaagaat 120
 gtgcataatg aaaagttgaa acttttataa actcactcaa aactaagttt taaaaagag 180
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tggcatataa 300
 ttattttaac ttgccatatg aaaacctaag gcacagggag gtaactcgcc tacaggtgca 360
 gccctaggaa gtcagggagc caggattcac tgtcagctga ctgactc 407

<210> 1520
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1520
 ggcacgagga atgaatgaag attgtcttat tagctttgga ggaagctgtc aggtgatagg 60
 atggacagta tgttgggaaa ggtctctctg gcataagag gtggcatatg gaaatggcat 120
 ctgagctgag agcataggcg ggcgagaagc cagttgtggg caaaatgctt tctatgaacg 180
 gaggaagtaa gtgcaaaggc cctgggggtg gaatgtgcac aatgaaacca acatgggtgca 240
 gccgagcacg gcagtgtggc ccacaggagg ctggacacccc ctttgcccca gcccatgcct 300
 tctgggcagg ccacaccgcg tgtcctttct ggctgtttag aggaagtaga aatcagatac 360
 agaaattccc acctctgttc tttgttcctt tgtctcagct 400

<210> 1521
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 1521
 tacggctgctg ttaagactac agaagggctc gacccacagt cacgccttct agaaccctcc 60
 acctcaggcc gctcgggggc atgccgggat ttgttggtg tagagggccg ctgccgcgag 120
 ggatgccggg atttgcagtc cttccggact acaagcaaaa tggctgcttc tcgacctctt 180
 agctggggct taggggtgtc ctggctggcc aagagtatga cctaggttca aatcctcact 240
 ccgcaagttt cgtatctcag tttccacagt agtaaaatga gataataata gtacatataa 300
 tcatagagtt gatgtgcgga gtacatgaat ttaaaccatc agagccaggg cagggcggtg 360
 gctcactcgt gtaatcccag caatttgga ggtggaggcg ggaggatctc ttgagc 416

<210> 1522
 <211> 417

<212> DNA
<213> Homo sapiens

<400> 1522
ggcagcagcc tttccaagtt ctactgctg gaaagagcta gaagcacagt tcaaagttct 60
ggcttctgga ctctgcagtc cagggtctccc ttctcccact tgcctaccct caatgccaca 120
ctgtttttga agtggcccat aacttgaagg aaaagtttaa agacagttca atttaatcat 180
cagaatgcat tctttttttt ttccggagacg gagtttctact cttactgccc aggctggagt 240
gcaatggtgc aatgatctcg gctcactgca acctctgcct cctgggttca agtgattctc 300
cagcctcagc ctcccagta gctgggatta tgggcgcccc ccaccatgcc cagctaattt 360
ttggattttt ttttttaaaa aaaatggggt ttcccccagg ggggccaagt cttggcg 417

<210> 1523
<211> 387
<212> DNA
<213> Homo sapiens

<400> 1523
ctatgctttc tggaaactttg ccccttagca aagtaaattg ctcatcattt ccggaacatg 60
cagtgttggt tcttgctcct gctccctttt cctggaatgg ctgcccctgt tcctccacct 120
gaaacatcct tcttctctct tcagggtccc agcaggttgt ctactacccc catgggcttt 180
gcacacacct gcaactgtagt atgtgttgca ctgtgtggtc atgggtttcca ggttgattgc 240
agacagcaag cctgggagtt tctggagatc tcaagagtga ggctccttca gctgtgtgcc 300
tccatgcctc acctattgcc tcacctgcaa cagggtgctca acaagtgtt gctgttaagt 360
aaaagtgaag ggggtggtgac aaaaaa 387

<210> 1524
<211> 404
<212> DNA
<213> Homo sapiens

<400> 1524
gcttgccagt ctttgctttg ataggtgggt tttgcttagg ctacgataaa ttgtttcatc 60
ttttctaaag agggatgagg aagtatttac tttgtgagat tggaaaaccg tgtgggtgggt 120
gtggaaaata agcatgttat taataaacag ctagtcttgt gctccatact cttggatgga 180
aggtagaaat aaccttgccct ctattgctga gatttaaaaa aataaaaagc taggctacta 240
ccgtgacctt cctcgccac aacacaggca cagggtggca ggtagtgatg agaaacaggc 300
tgccaagatg gtccctggat gactaggagg tgtgtgatgt gcgtccagtt gtctggatgg 360
ggcaactgga atccttcatt gtgtggttca tgcttgtgtg tgca 404

<210> 1525
<211> 416
<212> DNA
<213> Homo sapiens

<400> 1525
cagaacccaa agcgggaagca ggctccaggt ctcgagctc atccagcaca cctacgagcc 60
cgaagcccct cctgcagtc cccaaaccca gtctggcagc acggcccgtc atcccgcaga 120
aaccaagaac cgcctcacgg cctgatgaca ttccagactc tccatctagc ccgaaagttg 180
cccttcttcc acctgtcctg aaaaaagttc attcagacaa agagagagat ggccagagta 240
gccccagcc cagccccagg acattttcac aggaagtttc aaggagaagc tggggccagc 300
aggccagga gtatcaagaa caaaagcaac ggtcctccag taaagatggc catcaaggca 360
gcaaatctaa tgactccggg gaagaagcag aaaaagagtt tatttttgtg taaagg 416

<210> 1526
<211> 408
<212> DNA

<213> Homo sapiens

<400> 1526

ctctgcctcg	gccggtaagg	ccgaggacga	ggttgaagga	tggccgagag	gagaccgagc	60
gtgaggggtc	cgggggcgag	gaggcgagag	gagaagtccc	cagcgctggg	ggagaagagc	120
ctgccgagga	ggactccgag	gactggtgag	tgcctgcag	cgactaggag	gtggagctgc	180
ctgcggtatg	gcagccctgg	atgccccgc	cctccgaaat	ccagcggtc	tatgaactgc	240
tggctgcccc	cggtactctg	gagctgcaag	ccgagatcct	gccccgccgg	cctcccacgc	300
cggaggccca	gagcgaagag	gagagatccg	atgaggagcc	ggaggccaaa	gaagaggaag	360
aggaaaaacc	acacatgccc	acggaatttg	attttgatga	tgagccag		408

<210> 1527

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 1527

cgttgctgtc	gccacaaagc	tattagtagt	taatcatata	aaacttacct	gcttggagaa	60
gaacgttggg	aaatatttgc	gcttttagca	aaacttgata	aaagtgaggc	atttgaaaaa	120
aaggcatttg	ttgctgtgga	actcacattg	ttaatcatca	gtaggtttat	atgtaaaaac	180
ttggaatggg	cttgaaattc	tcaaaatggt	ataggaatta	tttttataaa	tggtttattt	240
tcttacatgc	tggtttgggt	tttctacett	actctttgtg	cttaaaaagga	gaaaggctct	300
tactaaaacc	acttcccttg	tttctttata	gaatttacia	cggaatgat	tttaccaacg	360
aaagctatgg	caaccaggga	attgactgtc	aaaagaaaac	tgagtgggaa	tan	413

<210> 1528

<211> 164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 1528

tccttannaa	atcactccct	gacttaaatt	ttaaatagtg	ccttgactat	cttttacagg	60
aaggaatagt	attacatata	tcanaattgt	ttcattcatt	tttaaataat	tggaaaactc	120
ttaaaaatac	cacaggaggc	tgggtaccgg	gggtcatg	ctcg		164

<210> 1529

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1529

cgttgctgtc	gggaggagct	ggaacaggag	aggaatcact	ggcagtctga	attcaagaaa	60
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gtccaacatg	aattgggtgat	ctacagtacc	caggaggcgg	aaggcttgta	ctggagcaag	120
aaacacatgg	ggtatcgcca	agctgaattc	cagattctga	aagctgagct	ggaaagaacc	180
aaagaggaaa	agcaagagtt	aaaagagaaa	ctgaaggaaa	cagagacaca	cctggaaatg	240
ctgcagaagg	ctcaggtctc	ctaccggacc	ccagagggag	atgacctaga	aagggtttg	300
gcaaagctta	cgcggtacg	tatccacgtc	agctatctcc	ttactttctgt	cctccctcac	360
ttggagcttc	gngagatcgg	gtatgactca	aaacaagtgg	atggt		405

<210> 1530

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 1530						
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gtgccaccgg	ctgcggtcct	ctcgccgcct	ctgcgggaag	tgtctgtgcc	tgccgccct	120
gagctcctgc	ctcagttccc	cagctccctg	gccacggtgt	ctgcctctgt	gcagagtgtg	180
cccacccaga	ctgccacact	tctgccacca	gcaaaccac	cgctgcctgg	cgggcccggg	240
atcgccagcc	cttgcccaac	tgtccagctg	acggtggaac	cagtccaaga	ggagcaggcc	300
tcacaggaca	agccgcccgg	cctcccgcag	agctgtgaga	gctantgagg	ttctgatgtc	360
actttctggaa	aagagctgag	tgacagctgt	gaaggcgct	tt		402

<210> 1531

<211> 407

<212> DNA

<213> Homo sapiens

<400> 1531						
gattcgaatt	ccgttgctgt	cgtggacatc	taaggatgga	ctcgggtgtct	cttaattcat	60
ttagtaacca	gaagcccaaa	tgcaatgagt	ttctgctgac	ttgctagtct	tagcaggagg	120
ttgtattttg	aagacaggaa	aatgccccct	tctgctttcc	tttttttttt	tgggaaacaa	180
agattggctt	tgttgcccag	gcgagggggc	gaaacaacaa	tttgggtttt	accggaaacc	240
tcggtttcgg	gggttaaggc	aattttccgg	cctaaccctc	caagagtttg	ggagataccg	300
gcctggggcc	ccccccccgg	gggagatttt	ggtttttata	aaaaaaaggg	gttaaccatt	360
gtggcagggc	gggtctaaac	tcccagacca	tgggaaccgc	cctcccg		407

<210> 1532

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 1532						
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agcagtttct	gtttttcgaa	gatcaactca	agaagcaaga	gttagcccca	ggtcaaattgc	120
gaagtcagca	aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcctgctttt	180
ccacacacca	gaacaattcc	ttgctgaatg	tatttgaga	tcaacctaat	aaaagtgatg	240
caaccaatta	tgctagccac	tctcctcctg	taaacagggc	cttaacgcca	gctgctactc	300
taagtgtctgt	tcagaattta	gtgggtgaag	gactgcgatg	tgtagtgtttg	ccagaagatc	360

tttgccacaa atttctgcaa ctggcagaat ctaatacagt gagaggaata gaaacn 416

<210> 1533

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1533

ggcacgaggc	aagacggcgg	tgaagaaacg	gaatctgaat	ccggttttca	acgagactct	60
ccggtactcc	gtcccgcagg	ccgagcttca	gggccgcgtg	ctgagcctgt	ctgtgtggca	120
ccgcgaaagc	ctgggtcgca	acatctttct	gggcgaagtt	gaagtgtccc	tggacacgtg	180
ggactggggc	tctgagccca	cctggctccc	cctgcagccc	cgggtcccac	cctctcccg	240
cgaccttccg	agccgcgggt	tactcgccct	gtccctcaag	tacgtccccg	ccggctccga	300
gggcgcagga	ctgccccga	gcggggagct	gcacttctgg	gtgaaggagg	ctcgggacct	360
cctgccgctg	cgggcaggat	ccctggacac	ttacgtacaa	tgcttcgt		408

<210> 1534

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 1534

caaagaaggt	acccctggga	gcccacgga	gaccccaggc	cccagcccag	caggacctgc	60
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccag	caggacctgc	120
aggggacgag	ccggccgaga	gcccacgga	gaccccaggc	ccccgcccag	caggacctgc	180
aggggacgag	ccagccaaga	ccccacgga	gaccccaggc	cccagcccgg	caggacctac	240
aagggatgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccgg	caggacctgc	300
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccgg	caggacctgc	360
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	cccagcccgg	cn	412

<210> 1535

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1535

cggtgtgtgc	gcccctcgcc	tgttctctat	ggcccctggg	ggctggaggc	cttggccgga	60
ggagacctga	tgctgcacc	tgctgacccc	acagccaggg	agggcctggc	agccccaccc	120
aggagacttc	gctctaggaa	ggtgtcctgc	cctctcacac	gtagcaatgg	ggacctgtct	180
cgttccctga	gcccctcccc	actgggctct	tcagccgcca	gcactgcctt	ggaacggccc	240
agcttcttat	cccagacagg	acacggagtc	tcccggggtc	cgagccctgt	ggctcctgggc	300
tcccaggatg	ccctgcccac	agccacagcc	ttcacggaat	atgtccacgc	ctactttcgt	360
gggcacagcc	cccagctggc	tggtctgagt	aacttgggga	gctgaccatg	ac	412

<210> 1536

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1536

ggcacgagcc	tcggcctcgc	tgtcttctgc	agccgctact	ggaacctcca	cctcgactcc	60
agcggccccc	acagcacgga	agcatctgga	taaagaacag	gttagaaaag	cagtggacgc	120

tctcttgacg	cattgcaagt	ccaggaaaaa	caattatggg	ttgcttttga	atgagaatga	180
aagtttattt	ttaatggtgg	tattatggaa	aattccaagt	aaagaactga	gggtcagatt	240
gaccttgcc	catagtattc	gatcagattc	agaagatata	tgtttattta	cgaaggatga	300
acccaattca	actcctgaaa	agacagaaca	gttttataga	aagcttttaa	acaagcatgg	360
gattaaaacc	ggttctcaga	ttatctccct	ccaaactcta	aagaaggaat	at	412

<210> 1537

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1537

cgttgctgtc	ggcacaagcc	aatttttctt	atgatcaaaa	aattctttct	ttcctctgag	60
tgagagttat	ctatatctga	ggctaaagtt	taccttgctt	taataaataa	tttgccacat	120
cattgcagaa	gaggtatcct	catgctgggg	ttaatagaat	atgtcagttt	atcacttgct	180
gcttatttag	ctttaaaata	aaaattaata	ggcaaagcaa	tggaatattt	gcagtttcac	240
ctaaagagca	gcataaggag	gcgggaatcc	aaagtgaagt	tgtttgatat	gggtctacttc	300
ttttttggaa	tttcctgacc	attaattaaa	gaattggatt	tgcaagtttg	aaaactggaa	360
aagcaagaga	tgggatgcca	taatg				385

<210> 1538

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 1538

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ctactcttct	tcatgttatt	gaagcccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaaatatt	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
gtcccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	ccgcaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaagt	ggccccg			396

<210> 1539

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1539

cgttgctgtc	ggtccatctt	gtcttgtctt	attcagggca	gtggaagctt	taccacttc	60
ctactcttct	tcatgttatt	gaaccccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaaatatt	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
cacccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	ccgcaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaggt	ggc			393

<210> 1540

<211> 392

<212> DNA

<213> Homo sapiens

<400> 1540
cggttgctgtc ggccaatttt tcctatgatc aaaaaattct ttctttcctc tgagtgagag 60
ttatctatat ctgaggctaa agtttacctt gctttaataa ataatttgcc acatcattgc 120
agaagaggta tcctcatgct ggggttaata gaatatgtca gtttatcact tgcgcttat 180
ttagctttta aataaaaaatt aataggcaaa gcaatggaat atttgagtt tcacctacag 240
agcagcatat ggaggcggga atccaaagtg aagggtgctg atatggccta cttctttttt 300
ggaatttcct gaccattaat taaagaattg gatttgcaag tttgaaaact ggaaaagcaa 360
gagatgggat gccataatag taaacagccc tt 392

<210> 1541

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1541
tgaggagat ataaacaaat aaggaaaata gtttgcataa ctgacttaga acagaatact 60
gaaatcagtc cagcataatg catgagcaag ttagtaagaa gattagattg gctggcattg 120
aggcaaatgt aaagttaatt tgggaatttg cagactatac tgtggatata aaaaaatgac 180
tagagccaga ccagccaggt ttaaactcta gctcttccat tctactgagca ctcacacaag 240
tactttactc tctgcactta cctcatccat agcactgttg cgaggattaa aggaggcaat 300
gcttgtaaaa ttcttataac agttcctgta cataaaaaat tatccataag ggccgagcg 359

<210> 1542

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1542
gtctttattg aatggaaagg tgtcatgtga gacacaaaaa tataaaatct ttagattgct 60
ttatttttaa aacaaataag atacttacat tattaacaga agagcatact ggtttcggtc 120
cataaaatct ttgggaagggt acaactgtaa aggaagttct tttaaagaaa gagcaaaata 180
ttaaagatgg agagtcattt acaggtaaaa ctataagacg cagagaaagt tgttcttgaa 240
taacatagca tgcacaaaat tttaccatag tcgtcaatat gaaggatttt aatttctggc 300
tttcctatct tcttcttcag gatagcttcc ttcagcatag aattgcttcc caatg 355

<210> 1543

<211> 357

<212> DNA

<213> Homo sapiens

<400> 1543
gtttccccag ttgtctcata agagctttgt catggttggt ttgttagaat cagggctctca 60
atggagtagt tgcattgcat ttggcttatt catcttttaa gtctcttctg tattttacta 120
gctcctttc ttttcttgcc atttgtccag tagagttttt ctattttaga tattttattt 180
tgttttatcc ttgtggcgat gtgaatttta ttccattgg tgataaagg caatttaagc 240
tatgtgattt cttttggtat actttgaata agaaaataca gaatgacaac aaactactat 300
aaattcagta acagattcaa ttttaattgt atttcatgtg agcaaaacag ctgaaaa 357

<210> 1544

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1544
aggagaaaca acagagggat attttcataa actattaatt ctatcaacta agaacaaatc 60
agcagaaacg ttcacagcta ccattaccag cattccatgt gagtataaag attctacaag 120

acttacttca	cgataattta	gtatgattat	ttcttctaca	gttttttgcta	taagaggccg	180
aacccttcc	tgtcctaate	taaaaatacc	acagtacacc	ctccccaaca	tgaccgactc	240
ttcagcatat	aaaatgctaa	ctaagctttt	ccgaatgcac	aatttggggg	ttttcctttc	300
ttcttcttta	tacatgtcta	tattggttgg	cttttggttt	ggtttgcac	ttttctacca	360

<210> 1545
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 1545						
cgttgctgtc	gggagaatca	agaggcacat	gagcaagatg	gaaatgatga	actaaaggac	60
tctgaagaat	ttggtgaaaa	tgaagaagaa	aatgtgcatt	ccaaggagtt	actctctgca	120
gaagaaaaca	agagagctca	tgaattaata	gaggcagaag	gaatagaaga	tatagaaaaa	180
gaggacatcg	aaagtcagga	aattgaagct	caagaagggtg	aagatgatac	ctttctaaca	240
gcccagatg	gtgaggaaga	agaaaatgag	aaagatatag	caggttctgg	tgatggtaca	300
caagaagtat	ctaaacctct	tccttcagaa	gggagcctag	ctgaggctga	tcacacagct	360
catgaagaga	tggaagctca	tacg				384

<210> 1546
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1546						
ctcgagccca	cgtgacgcct	tctagaaccc	tcacacctcag	gccgctcggg	ggcatgccgg	60
gatttgttgt	gtgtacaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttcggg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagagta	tgacctaggt	tcaaatactc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataca	gttgatgtgc	ggagtacatg	300
aattttaaaca	tctagagcca	gggcagggcg	gtggctcact	cgtgtaatcc	cagcaatttg	360
gaaggtggg						369

<210> 1547
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1547						
tggtgcagac	taacaacaga	ggagagctcc	taagctatgg	taatgagtga	cccttacacc	60
agtggcttca	gggaggggag	gtggtgggat	tctactgaa	gaggagaagg	aatgagcagc	120
tggtaatgga	gtggaaaaac	ggggatgcag	tgacaccttt	caaaagttgg	tgatgaccag	180
cagtatgaga	gagagaaaaat	agtagtggag	atgaggggtg	gggtataaaaa	acaccccgaa	240
tttttttttt	agaaaaaaat	ggcttttaaaa	aagtatggta	aaaatttttg	taacaatttg	300
gtgtttctat	tttagcacca	ttttgttata	aatgttgttt	tttttttatt	cgcga	355

<210> 1548
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1548						
atctaaattt	gtcagcaaat	taaagagttt	gagattggga	attgagataa	agctatttag	60
ttcttttatg	tttaaataat	ttacttcatt	ctgaaatctt	ataaatggat	tctcaacttt	120
caagtagtat	tctccagata	gaagaagagg	tggttgcctg	tcatgtagat	ctataaatat	180
gcggtgtatg	ccttttctgc	ttctttctcc	gaaaaggacc	acccctttt	tccctcttc	240
cgatttcttg	tcacctttct	cgctcttggc	tgcatccatc	ccccttccgt	tatcccgtct	300

tgcgcgtcccg	tcttttttct	cctgctgtct	atcactcttg	cctgcttccc	cgtcggetta	360
ccg						363

<210> 1549

<211> 356

<212> DNA

<213> Homo sapiens

<400> 1549

taaacgccag	atggaagaga	tgcataatc	aggaagggtg	tgagggaagg	ggcatggggc	60
cagccactct	ccaggaacct	gcatgcgttc	agctactcag	aagctcgtga	cgggcaatgc	120
taatatgaat	atctatctct	tttaagctct	atcatttttc	tatcatttct	tgatgctaaa	180
acctgcttta	taacacacag	ttgactcttg	aacaatacag	gttcgaactg	catgagtcca	240
cttataatgca	ctgttttttc	aataaatata	gcgagagtct	tttggaatt	tatgacaatt	300
tgaaggaact	gtcagatgga	ccacatatgg	taaaaatatc	ataagaatta	ctaaag	356

<210> 1550

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1550

cgttgctgtc	gcctaaggta	gcaaaactag	tagctggaag	agccaaaatt	tgaactcaga	60
tctctctggc	cctactaaat	gcatcaccat	aaattatttc	atgggcaatc	tttccctgca	120
ccttaattga	tttatttctg	ccaaatgtat	gtgttcctag	atctttatgg	aatattctga	180
catgggaatg	cccccaggct	tgtgaggact	ggcttctctg	gggttgatc	aatagatgaa	240
ggaaaatttt	gcagttgttt	atacagtttg	gggggttgag	gtggtacaat	ttgcacattt	300
ttgttccttt	catagcaaat	tcttcagttt	tctttgatga	ggccaagcaa	taaatttttt	360
cctttctttac	gagcaaatat	t				381

<210> 1551

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1551

ggcacgaggg	gaacgtggct	ttccctgcag	agccgggtgtc	tccgcctgcg	tccctgctgc	60
agcaaccgga	gctggagtcg	gatcccgaac	gcaccctcgc	catggactcg	gccctcagcg	120
atccgcataa	cggcagtgcc	gaggcaggcg	gccccaccaa	cagcactacg	cggccgcctt	180
ccacgcccga	gggcatcgcg	ctggcctacg	gcagcctcct	gctcatggcg	ctgctgcccc	240
tcttcttcgg	cgccctgcgc	tccgtacgct	gcgccgcg	caagaatgct	tcagacatgc	300
ctgaaacaat	caccagccgg	gatgccgccc	gcttccccat	catcgccagc	tgcacactct	360
tggggctcta	cctcttt					377

<210> 1552

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 1552

cgttgctgtc	ggagattgat	agaggcagaa	aggaagcgga	ttgctcagat	gcgccagcag	60
cagctagaat	cggagcagtt	tctgtttttc	gaagatcaac	tcaagaagca	agagtttagcc	120

cgagggtcaaa	tgcgaagtca	gcaaacctca	gggctgtcag	agcagattga	tgggagcgct	180
ttgtcctgct	tttccacaca	ccagaacaat	tccttgctga	atgtatttgc	agatcaacct	240
aataaaagtg	atgcaaccaa	ttatgctagc	cactctcctc	ctgtaaacag	ggccttaacg	300
ccagctgcta	ctctaagtgc	tgttcagaat	ttagtggttg	aaggactgcg	atgtgtagtt	360
ttgccagaag	atcttttgcca	caaatttctg	caactgn			397

<210> 1553

<211> 396

<212> DNA

<213> Homo sapiens

<400> 1553

cgttgctgtc	ggaggaagga	gattctggcc	aagctggaga	agctgcggaa	agtaacaggc	60
aacgagatgc	tgggcctcga	ggagggggac	cttgaagacg	acttcgaccc	tgccagcac	120
gaccagctca	tgcagaagtg	ctttggggac	gagtactacg	gggccgtgga	ggaggagaag	180
ccacaatttg	aggaagaaga	agggcttgaa	gacgactgga	actgggacac	gtgggacggg	240
cctgagcagg	agggagactg	gagccagcag	gagctgcact	gtgaggaccc	caacttcaac	300
atggacgccg	actacgaccc	cagccagccg	aggaagaaaa	agcgcgaggg	ccccttgacg	360
ggcaagaaga	agcgcaagtc	gcccttcgtc	gcgggg			396

<210> 1554

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1554

cgttgctgtc	gccaatgtgc	ccttcctggt	ggccctggcg	ctcctgagct	ccgtcctggt	60
gggccttgct	ctggtccccg	gcctcctgca	ggggccgctg	gcgctgagga	acatcactga	120
caccggcttc	aagctgctgc	tgctgggtct	ggtcacccctc	aacttcgtgg	gggccttcat	180
gctggagagc	gtgctagacc	agtgcctccc	cgctgcctg	cgccgcctcc	ggcccaagcg	240
ggcctccaag	aagcgcttca	agcagctgga	acgagagctg	gccgagcagc	cctggccacc	300
gctgcccgcc	ggccccctga	ggtagtgcag	gcccacgggc	accccagaca	ctggaactcc	360
ctgcctctga	gccaccaact	ggaccn				386

<210> 1555

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1555

ggcagcaggc	aagctagggg	ttcggccccc	tgccctctggg	caggaaacct	tctggcgaat	60
tccagccaag	ctgagtccta	cccagctccg	gagggcagca	gcttctttga	gtcaaccaga	120
ggaggaacag	aagctgcagc	cagagctgca	gcctaaagtc	cctggagagc	aaggctctga	180
tgaggagcac	tgtaaagagc	accgagcaca	agccctgagg	gccctcttgc	tagccacaaa	240
gaagaaagcg	ggcctggcat	ccccagagga	ggaagacgct	gttggtaaaag	agccgctgaa	300
ggcagcagcc	aagaaacgac	aattgctgga	cagcagcag	gaacaggaag	aagatgaggg	360
caggaacaga	gcaccagagt	tgggagctcc	an			392

<210> 1556
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 1556
 ctgactttcc ttatcaacat cccagaaaagt cttcagcttt aataatgctt cgccttcctt 60
 gcttttctag aatcatattc taaaaagaca aagcaaaaca gataaaccag tgtccctaata 120
 acaatatatt catttaaaac attctaaca cttgggatgc tctgatactt ggtcttattt 180
 ttctaactct cttatattta ccatcaaaaag tatatgtgtt gagcatggta ctagtataaa 240
 aagcacatag accaatggaa c 261

<210> 1557
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1557
 tacggctccg agacgacgac agaagggctg aaggaaaaac agatccctcc ttcttgtttg 60
 actttgtata gaatgaattt taatgtaact gagcccacct ttagtatagc tttttctcat 120
 tataaataga agtgggtgcc agtattcttg cttgcctttt aaaatagcaa acatttagtg 180
 ataaaaatct tgttctgttc tctgtatgtc agtttattca tctgtaaagt agagacaata 240
 atagcatcta tttattacaa gcaattgtta aaattaaaaa caggctgggc gcggtggctc 300
 ccgctgcaa tcccagcact ctgggaggcc a 331

<210> 1558
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1558
 caggctccgaa gttggacca ctattcctct ggggcaaact gacattggct tgattgggca 60
 tgggtggctaa ggctggctt tatagcactc cgttatgacc tggaatgtgc atcacttcaa 120
 caacagatgc attcatctta cgggtccaaca tgaggaagac gtgtgtcatg ttaaatacaa 180
 aaattatcct ggcgtgggtg cacatacctg cgatcccagc tactcaagag gctgaggcag 240
 gagaatcact tgaacccagg aggcagaggc tgcagtgagc caagattgca cactgcact 300
 ccagtctggg cgacagagag agagagactg tctca 335

<210> 1559
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1559
 taccgctgcg agaatacgac agaagggaaa ctatctgaac tggctttatt cactcttcag 60
 catatttaag ttggatttca acctctgtca ttccactgaa atcactcttg tcaacaacct 120
 tcatgttgct aaattcaaaa cacagtcttc tgcctccgt gctcattttt tcaacagtcc 180
 ctgcttgccc tttaaaggac ttcttttgc tcaagttacc ttttaggtat tgtcatagtc 240
 ctctggctc tcatgagcag gatttggcag ctcttctgtat tctatcagtt cgccaaatag 300
 atatttgaga tgacatcaca agttctcttg tctttctact tattttaaaa gatggtatct 360
 acacattttt t 371

<210> 1560
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1560
 gcactacaca tagttatttc tgaaaagaaa tcagtatgta aatagaaatc caacagaaat 60
 gatagggtgta ctatcaattc tttattggtg gggtcgaaaag caatcacttg aggttaaaag 120
 ataatttttaa aatattaata ttctcatatt tactattttg gtcccaatgc atgtgtatac 180
 caaaatagta atatgtagca cacatgattt aattgctctt ttcaaaaaca cttaaaagga 240
 atctatgttt aaagaatatt cacataatca tacaggcatg gtggctcact cctgtaatcc 300
 cagcactttg ggaggccgaa gtgggtggat n 331

<210> 1561
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 1561
 acaagggttaa ggaattagtg tgctaattgtt ctctgcttac aaagtgggaa gtcagttggc 60
 tttctagggg ggctgggaca aaatatgaga cttaagcatg ttgattaaag atacagaggt 120
 gaccagttaga agaactaaga atagtgatgt cactatgggg gagaggggta gatgagctaa 180
 attcttgtct ttcatagcag taggttaaaa gtaaatgtcc aaagctgatt agtaagaaat 240
 agcagttgag ggcacggtgg ctcatgcctg taatcccagc actttgggag gctgaggcag 300
 gtggatcacc tgagttcagg agttgagact aacctggn 338

<210> 1562
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1562
 gatatctgaa aaggagggtta atcgatagct tttacatagt acaactgctt tatectttca 60
 aaagcagata cgtcaatcaa aacttgatat ttatttatct atatttatgc tgagttccct 120
 taaaatgttt tgtctttttc catataacca atcatattat ttcttaaaaa taaacttagg 180
 tattgtcaca gggatagtaa ctctgcttt ccatattgtg tgtgtgtgta ttttgttttg 240
 tttcggtttt ttgagatgga gtctcactct gtcgctaggc tggagtacag tggcgctatc 300
 ttggctggga ttacaggtgt gagccacggc gccagcctg tcn 343

<210> 1563
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1563
 agaatcccag aagagaaatg gaaatcataa gagaaacaaa ttgaaattct agaactgaaa 60

atataatatc	agaaaagaaa	aaaaaattac	tcaatggaaa	ttagagatga	ttagacactt	120
cgaaagaaag	tatcagtctc	actcacactg	agaacagag	aataaaagat	agaaaatatt	180
aaccagactg	cagagaactg	tgggacaata	gcaagctgac	tgaaatatgt	gtgattgaaa	240
taccagaaag	aaaagagaga	gagagagcat	gaagtaaaat	atTTTTTaaa	gaaataggat	300
TTTTtaggccg	ggcgtggtgg	cttacaccta	taatcccagc	actt		344

<210> 1564

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1564

ctcgacccca	cgtcacgcct	tctagaaccc	tccacctcag	gccgctcggg	ggcatgccgg	60
gatttgttgt	gtgtagaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttccgg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagagta	tgacctaggt	tcaaactctc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataga	gttgatgtgc	ggagtacatg	300
aattttaaaca	tctagagcca	gggcagggcg	gt			332

<210> 1565

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1565

ttctaattag	tagaaataag	ggctaaggaa	tctttggatc	actgaaatct	aactattctt	60
taattgaaat	gtgggtatgt	ttctgactta	tagtaagaac	taaaatgaat	tctattttatt	120
ctcaagttag	agcaaaagaga	aaaattttta	atggcataat	aaagagctta	taaaacaaaa	180
tatgaggatt	ttggaaaatc	atttattgaa	atagtactag	gatattttaga	agtattttaga	240
agcttaaaat	aattggcttt	tctttatgac	attatctcta	ttacgataat	attatattat	300
TTTTtaataa	aggccctaata	ggaaatctca	aataggggtg	gtt		343

<210> 1566

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1566

cgttgctgtc	gatagagagg	agataacttt	actaaaatca	tacaacacag	aattagatta	60
atcctagcag	agctaattctc	agacctttac	tcagactttt	tctgtagctt	tagtctagaa	120
gttggcaatt	catctattat	ttgtcactga	ttcctagcat	gatttgtagc	aaattcttta	180
ttcttattgt	gcctcagatt	ctacctatat	aaaatatatg	tgacttaaaa	tattcataaa	240
gataataaga	acaacttcaa	tttctatttt	atttttactt	acaatagttt	tcactttcac	300
atacattacc	ctacttaatt	ttccccatat	tatggatgag	gaagttaaag	ctctatgtgg	360
tagatgtcac	atcca					375

<210> 1567

<211> 141

<212> DNA

<213> Homo sapiens

<400> 1567

gaggaattaa	gtgagtaaaa	aaggcaagct	acagagtggg	agaggatatc	aaggatacat	60
gtatctgaca	aataatttat	acagaatata	TTTTTaaact	ctcaaaaaatc	aatacacaaa	120
agacaagcta	ccctccaaaa	c				141

<210> 1568

<211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1568
 tcctcaaata tcttcttgtc ctggaagcct aaagtgactc cctacacaga gggagtagaa 60
 ctgtcttgtg gtttctcaag cacagctctc tattttaatg catatatgaa gctgtctttc 120
 atctgtgcag atgtttgctc tgccagactg tgagctcctt gaagggtggg attttgtctg 180
 gttgtttttt cccagaata agaatgctgg gtatatacat gtctagataa tggtttagat 240
 ggatggatag atgggtgaatg aatggatgag tatatgtatg ggggggtata aggaagggcc 300
 tcgttttttc tgccggaaac acactct 327

<210> 1569
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1569
 gcctctcact cataggaggg gccaggaaga gagggaggag gcaagaaggg gaaggagcac 60
 aaggagtgtg ggtgaggggt gtaaccatga gggcaggcag ggggcaggac ggaaggcagg 120
 agggcctggc caggggaggc ctgaggagga tgagcaggag gcgagaggag acagactatg 180
 aggcagagg gagaccctca cctgagaatc tccttttagcg tgcgggtgcag gaatgcataa 240
 ttgtcatcga atttgtacca aggcattgaat ggctgacctt cactgtacac aaagttttcc 300
 cagcagtatg caaattctga gacgaagagg caggaagcag tcag 344

<210> 1570
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 1570
 agtcatataa cccaactatt taagtaatta tcaagttgct tcacttctat gtgccttaaa 60
 ttctcgtttt gtttaatgag gggtataaca acactgacct cataagggca ttctgaagat 120
 tagatgaatt tatacgtagg tagtaattaa aacagttttt agtacacaga aaagtactta 180
 gtaattttta gctgttatta ttactagaag ttcattcttt tgttcattaa ttcattgaggc 240
 acaggtgcct ttctcgggtg ttggcataca taaaacacca taataaatga gagtccatat 300
 tcttatgcag agtgagaaga a 321

<210> 1571
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 1571
 tacggttggt atagacgaca caaaggatca ttaaattaca ttttaaaatg ttaacaacta 60
 caagcagata catctgggat attgggttatg agaggatatc attttctttt cttaccataa 120
 ataaatatta tttattttat tgaaattgtg cttttaagaa tgctatagaa aattcaaaag 180
 gaggacaggg gcagtggctc atgcctgtaa tcccagcact ttgggaggcc gaggcagggtg 240
 gatcacctga ggtcaggaat tctaaacctt gccagtatgg gtgaaacccc gtctctacta 300
 aaaaatacaa aaagttacca ggcttggtgg catgcccctg tagan 345

<210> 1572

<211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1572
 gtagtcctag ctattcatca agctgaggtg ggaggattgc ttgagcctga aagggtcaagg 60
 ctgtagtgag tcatgatcat gccactgcac tccagcctgg gtgacacagc aagaccctgt 120
 ctcaaaaaaa taaaaaatta actaaataat tttttctcag ttttaattcc taatataaac 180
 accaatagat ataacaaact gaaacaaaag ttcttttaggg tgcccaataa tttttaagtg 240
 tgtaaggggga ttgtataacc aaaatatctg agaagcatta acttaaaact aataaaggag 300
 aaagacttta tta 313

<210> 1573
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1573
 gttagttaaac ataccattat aatagcaatc ataaagggtcc caagaaataa atctgacagc 60
 tgtatcaaat atttgaggaa aaatgaacct ttattaaaat cgtaaataa tacttaataa 120
 tagataaatc tggtattgaa aggaaggcaa tggtataaaa attcagtctt cccaaattaa 180
 tctataaatt cccactcaaa ataagtttga tcttgacaga gtgatttttt ttttcttttt 240
 tttttttaaa aagggtgctt gactttgccc cccaggcgga agggcagggg aacaaccacg 300
 cttaaatgaa gtg 313

<210> 1574
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1574
 ccctgcatgc ctcctcatcg gcagttgaga cccactgct gcctgctcct tcccattcca 60
 ttgctggggac ctggacttga tctagccctg tctgggtggac acacttttgt aggtgccagg 120
 agggagggaat ctgctcctcc tttctgcccc cgacagcccc cagccccagt ggccactcac 180
 tcccagcatg ccttgcagct gcctgagtgg gagactgtgg tggactcgga gctggggcag 240
 ggaggacaag cttcttctgg aagggtcaatg ggagaggggt gacctggtct ttcacggtgg 300
 tgtcaaggac catagagcca ggccac 326

<210> 1575
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1575
 gttcaaactt ggtctccac atgttagcta agagacctac aaattatggt atgttacctc 60
 tctgtatctc agtcttctca tctggtaaat taagctcaat aaggacagag actttgttta 120
 ctgtcataaa tatcatcagc acctagaaac atttggtgta ctgaatgaat acctgtgcag 180
 tgaatgaagg gaagaaatat ttcataaatg ttgtggtaag attcacgtga gttaaaacat 240
 ataaagcact aagaatagcc atggcacaag aaatgctcca ttaatggtaa ttattattat 300
 ttcagcaggc aagg 314

<210> 1576
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1576

ggaagttggg	tcatatccat	gaatctgttt	ctgcctagtt	aatatgtaaa	ctttgacgga	60
aatacttttac	gaaaaatttg	atgtaacgct	atttcaattt	ttagatacaa	ccatttttaa	120
aatttgaata	ccacccaaaa	cccgatgaaa	tggattaggg	aaagataaaa	aaacaaaaca	180
ctaacaaaat	acttgactca	tctcacactt	tatagcccaa	gaaggcttta	agtaaataag	240
gtgtaccatg	ttttatgtaa	aggctcgggg	tatgacagaa	acacagtgtc	ccagctgata	300
tcatagatat	caaacagacc	tt				322

<210> 1577
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 1577						
catgttcttt	ttgccactaa	gcagcgtggc	ccacagcagt	ctcagtatcc	gctacgccct	60
agtctgtcca	tctgtgagat	gaagatgaga	gaaattgcca	caggaccttg	tagtgcacta	120
acagcttggg	gttttttagc	catgtaaaga	attaaaatga	ggatcatctc	tttatcataa	180
gattgcctcc	tcttgtaaag	taagtcactg	aataagaaat	gatttaccac	agacaagcaa	240
atgctgagag	attttgtcac	caccaggcct	gccctaaaag	agttcctgaa	ggaagcacta	300
aacatggaga	ggaacn					316

<210> 1578
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 1578						
cacaggatcc	agggaaaaaa	aacaacccaa	taatacttga	aggtaagtcc	caagatgtca	60
gctatgaagt	aagcagtcag	tccagattgg	agcagaagat	tggaagggtt	caggggggact	120
gcttcagggg	aaaaataaaa	atgataaatt	attattttca	ttttccatgc	aacaaatatc	180
tacggagaat	atattatgct	ttgagcctgt	tagaggcact	caggctatag	ttatgaacaa	240
aattaagttt	ctgacttctt	gaaatttacc	ttctactgaa	acttanagtt	t	291

<210> 1579
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 1579						
gagggtaaga	ggggagccag	gagtgggaag	ctggggaagc	cagagcagca	gaggctggag	60
caaatcccgt	gggaaagaac	caggaatggg	tggttcctga	gggagtggct	caaacaccct	120
cgcagggggg	tggg					134

<210> 1580
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 1580
 tcaggaat ttcaggtg ttagactctt tgtaacttga aattagccat ggttggagta 60
 tacacatgga tattggaaaa tactataaat cagaactatt cctgggtaat atgactacat 120
 atgaagacca aagcacagta aggggtttctg ttgttagaca aaatcaaaca aaagggaaat 180
 gttttttgac ataaactata gaataagaag atatgaaaca aacataaata tacattgcat 240
 ataataacaa ttattattac tttttttgag aaggagtctc gctcttgctg cccaggctgg 300
 agtcagtg cgcacgatcn 320

<210> 1581
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1581
 tcaactgggcc ttaggtgact ggaggcctgg ggtctggcgg ggccagaagg attaggcctt 60
 caggtggcca aggagacctg gtagccagct tcaggacaac tggagtgaa caggtgatga 120
 ggtgggactc tggactgagt ccagccagaa ttccccagtt cttggaatag aggtggtagg 180
 gtggccagct aggatgccc acaattccca gcaggctctg ctctgacctg cacagcagac 240
 agacatggcc agctgaaatg gcacctgcca attgggattg aaaaataaaa atctggccaa 300
 gcgcagtggc tcgctcatgc ctgt 324

<210> 1582
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 1582
 tgggggattgg gttaacgtat ataaaatatt agatggtggt aagaagagct aataagtgtt 60
 tgctaaatat ataagcccag ggccagcctg gcttctcct catcctcctc ctgctcacct 120
 ggccctggacc ccaacctctc ccctagcact gagctcactg cccagggtccc acagcagcac 180
 tccaggcctg gactattttct acagccatct ctctgcacct gtctttgtcc gttgctgcag 240
 ctacaacaaa atatcatata ttgggtgctc tggccaggcg cggtggctca cgctgtaat 300
 ccca 304

<210> 1583
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 1583
 ggaaaagtag tggtggggga tttgctatat gagaagtcaa agcatactga aatgctgcag 60
 taatataaat ggtgaacaca agaatagaca gattgacgcc tggagcaaag tagaatccag 120
 taacagaccc atttttatat cagaatttag tatatgataa agttgggtgtt ttgcaacagt 180
 tgggaaatta taattcagtg tggtgtatag ggataaatgg ctctttattt agaaagaaag 240
 atcctacttc acattcaaaa taacttagat ggattaagga actaactaaa aaaacctata 300
 aaagcattag aagga 315

<210> 1584
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 1584
 tacagacaca aatgaatgaa gagacctgcc ttatggaggg ggaagagtgc tccagtctgt 60
 gggaacagca ggcaggaaga ccttcaggca ggaacatgct tgactcttcc atctgagggg 120
 cagaaatggg ggccttatga ttgaagcccg tgaccaggga gtgggtatta gcaggaaatc 180
 caatgagaag ggtaaccagg agccttcctt ttctcttcat aaaaatttgt aggattgtca 240
 ccagaaatgg ggctgatcc agatcccaag 270

<210> 1585
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1585
 tattcctgtt ttgagacaaa agatcgctct gatgcccagg ctgccattat tgggtggctta 60
 atttgcttac attaaaggaa tgactatatg ttgtggctaa aactacctac tttaacgact 120
 gaaaaaccaa acattctttg caaaaccatg tatgataaag aaggtaaaaa catttttcat 180
 tttctagaca cttaaagaca ctgaatttaa agcagattaa gtagcaaaaa cattgtcagt 240
 aaaaatattg ctgaatagga catgatgagg tagttattat tcaaatcact gatggagact 300
 acacacacat atagttataa agacacatgg tactgg 336

<210> 1586
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 1586
 tctacaattg tgtgggtacta ccttttatatt gagctctttg ctgatattta ttatataatt 60
 tattataaac aataattcat aattttatag ttcacatct gatggtgttc accttcatta 120
 aagactacat aagtctaaat tctaaagaaa gttgcatgca gcatctcatg cctatagtcc 180
 cagcaatttg ggaggctgag gtgggaggat cacttcagcc caggagtgtg agaccagcct 240
 ggacaagata gtgagacctc catctctaaa ataaaaaaaa caatagccag gcatgctggc 300
 gtgtgcccgt ggtcccaact acttatgagg ctgaggtggg atgatctctt aaccctaaga 360
 gtccaaggct acaatg 376

<210> 1587
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1587
 cgttgctgtc gagccaactc ctttctcccg agcctgctgg cagatcctcc cccacctctc 60
 cgcaggagtt cccctcctag gctgggagca tcccgtgcag ggtaaatctt ttcaagccac 120
 caactgctgt ccccaaggaa atggtgtccg aaaaatccca ccttggcaac cccagaggagc 180
 ctgtgcagga ggagcccaag accgcctcc tgagtatgac agtccggaga ggccccagga 240
 gagagctggt tgttaaaaag agcctgggca ggccaggcac ggtgactcac gtctgtaatc 300
 ccagcacttt ggaaggccga ggcgggtaaa tcacctgagg ttgggagttc aagaccagcc 360
 tgaccaacat ggagaaaccc catctctact aaaaatacaa aa 402

<210> 1588
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1588
 cgttgctgtc gcctttctcc cgagcctgct ggcagatcct cccccacctc tccgcaggag 60
 ttcccctcct aggtctggag catcccgtgc agggtaaatc ttttcaagcc accaactgct 120
 gtccccaagg aaatgggtgc cgaaaaatcc caccttggca acccccagga gcctgtgcag 180

gaggagccca	agacccgcct	cctgagtatg	acagtccgga	gaggcccacg	gagagagctg	240
gttggttaaaa	agagcctggg	caggccaggc	acggtgactc	acgtctgtaa	ccccagcaact	300
ttggaaggcc	gaggcgggta	aatcacctga	ggttgggagt	tcaagaccag	cctgaccaac	360
atggagaaac	cccatctcta	ctaaaaatac	aaaaa			395

<210> 1589
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1589						
cgttgctgtc	ggggagcacg	ttacgtccgg	acgcgtcggg	ggtagggctg	ggtctccgaa	60
cctgaaaccg	ggagcttcct	gctcgtgttc	gctgttgaga	agctacccgc	ggggttgtag	120
acttcggacc	tcatggcaga	gataattcag	gaacgcatag	aagatcggct	cccgaattg	180
gaacagctgg	agcgcattgg	actgttcagt	catgcccaga	ttaaggctat	cattaagaag	240
gcttccgac	tagagtacaa	aatccagaga	agaacccttt	tcaaggaaga	ctttatcaat	300
tatgttcaat	atgaaattaa	tcttttgagg	ctgatccaga	gaagaagaac	acgcattgga	360
tattcattta	agaaggatga	gatn				384

<210> 1590
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 1590						
ctataataca	gctacttgtc	ttttgcccgt	acatcgattc	gaattcggca	cgagcacaca	60
cacatttaca	cacgcaggac	tctggagcca	gagtagaggc	tgtggcccag	gcactacctg	120
ctggctccca	cctatggttt	gggggcccata	cctgttccag	ctctgttccc	aggggtggggc	180
agggaggtgg	gggttggggg	agtantgnnn	nnctttttnt	tntattcttt	tccttttgtg	240
ttttacgttt	tgacttacat	ctcatccctg	attggctcgc	tcatactctt	aaactgggtg	300
tgttatcacg	tgctgcgtat	caactgacct	tcatactcgc	ctctacctgt	cctctctctc	360
tctcgtatta	atagtttttt	tttttctaga	atcttctgta	aatccgaggt	tatgatctgg	420
gtatgctcac	tatgacc					437

<210> 1591
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 1591						
ggcacgagca	gggaccaaga	tggatcttct	cctcgacatc	agctaagcct	ggaggactct	60
ttccctcaga	gaccatggag	agggacagcc	acgggaatgc	atctccagca	agaacacctt	120
cagctggagc	atctccagcc	caggcatctc	cagctgggac	acctccaggc	cgggcatctc	180
cagcccaggc	atctccagcc	caggcatctc	cagctgtgac	acctccgggc	cgggcatcta	240
cagcccaggc	atctacagct	ggtacacctc	cagcccgggc	atctccaggc	cgggcatttc	300
cagcccaggc	atctccagcc	caggcatctc	cagcccgggc	atctccggct	ctggcatcac	360
tttccaggtc	ctcatccggc	aggtcatcat	ccgccaggtc	agcctcgggtg	acaacctccc	420

caaccagaga gtaccttggg agaacaaccg

450

<210> 1592

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1592

gggagggcct	attctcacgt	ggatggagga	gggtaatggg	accaccccaa	gtggggcata	60
ggacccccaa	gactctatgg	ctttcactca	ccattcattg	cctatctctt	caccaacctg	120
agtcacttct	tagtttcatg	tttctttcta	tatctctgag	attataacat	agctgacaag	180
ttcaatgaag	tcttactaag	ggtagtatta	gtattgtgct	caacagttga	cctggagcat	240
ctttcttaat	cctttgagag	gtgctgtgat	tgtctccact	gtccaggaaa	gaaaactgaa	300
gattaaaaag	gttttggggc	tggcatgggg	gtcatg			336

<210> 1593

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 1593

cggtgtgtgc	ggccagggtg	gacttccggc	tccgtccttt	gataactgtg	tgtctttggg	60
caaatttctt	aacttgacag	ttcttgtgag	gataacatga	gttaattgag	ggcacttaac	120
actacctggc	acagattaag	ctcatctgaa	gtgggagctg	ttacttaggg	gcgtttgcct	180
agaacacagg	gtccagaggc	tctctcccgg	aaacttagac	ccagtgagtc	agaagtgagg	240
cctgcaaaaa	gcagcaggag	tgggggttaag	aattccagcc	tagggctgga	tgcggtggct	300
caggcctgta	atcccagtag	tttgggaggc	ccgaatggga	ggatggcttg	aggccaggag	360
ttccagacca	gcn					373

<210> 1594

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 1594

accaatgggg	gggggcgaga	caattacttt	acaaaaataa	aatgtaaac	tttctgcctt	60
taatgtttag	tgcttaacca	ccaatctctg	ctcctgtctg	taaaagtcag	acttcattaa	120
ttttgctgac	acagtaagtt	ctcatggaaa	atagtgacaa	cagccagcaa	tgtgaatagt	180
tacatcttgg	ctctgtaaat	atcaaaacag	actttgctaa	gcagaaatca	atagacactc	240
gatcaaatag	tctggttcta	tttttttatt	tttattttta	tttttttgag	atggagcctt	300
gctctgtcgc	cccagatgga	gtgcnnngnn	nnnntctcgg	gtccactgc		349

<210> 1595

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1595
aggcacctga gagtcacttc tgggcagaaa gacaaacaca tgaatacaag ccataaatga 60
aaagaatcaa ccagttacac cattaaaaat gtctgaatat aatgccagtt tctacgagtg 120
tggaggggtgc atctctgaga tgggtgaattt cttccacact aaaagcaggg tgacctagga 180
ggaattcgtg gtgtcctttc acttattttc agacaggctc aagattactt tcaataaata 240
agtataattg ttcataattt gaagaatgta cttacctgat gacatgactt taaatgtcaa 300
aaagctaaaa gatcacacac caacaccg 328

<210> 1596
<211> 338
<212> DNA
<213> Homo sapiens

<400> 1596
cttcgtgacc tggactgaaa acattttcaa gttctctatt tgggtcaata cagcccccttt 60
aataattccc caaagcatct cccctttccg cctgtgctac gactctcttg cacacgtttt 120
gtattcccac agatcacaaa atcacaaagc accggagctg gaagaatctt aagagataat 180
ccaaggccag gagcgggtggc tcacgcctgt aatcccacca ctttgggagg ccaaggcggg 240
tgggattacc tgaggtcagg agttcaagac cagcctggcc aacatggaga aaaccgcct 300
ctactaaaaa aacagaagtt aacccccgct cggccccg 338

<210> 1597
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1597
gtcattttat ccattcacct tttaggacac tttggttgct aacagtgttt tgcaactatg 60
aatatagctg ttatcttact cttttttaa atgcacttta ggtgtactca ttccttaggt 120
tgagtacacc taaagtgcct tttagatata ctaatcatct ctgtttctgt aatgtcatta 180
tcattaaaaa catctcattg tgttatatat atatgctcat aattcttttt ttcttgtagt 240
caactgtaaa tctcttaagg acttagacca tgtctaatac atctgtgtat tcttggtctc 300
taaactggat ttcagagatt attttttagct gaatgaattt gccaggcagt gtatg 355

<210> 1598
<211> 329
<212> DNA
<213> Homo sapiens

<400> 1598
atttacaata agttttacaat ttacaataaa gcttttaaaag aacaacaaaa aattaaatat 60
acctctattg cttgtacgtt tttctacttt tgatagaaac atggacatat taaatatttc 120
acttttaact ctagtataag aaagtcaata atgcaagagt gatgataaag agcaactctc 180
acttggcatc atgatcaggg agcaataggg agtgggtgac tgccggtgacc taaagcatac 240
aagccttgct taaagtgaac agctgctctc agccctagct cataagtgcc acagagtcta 300
caggcctaga cctgctgac cccagcatt 329

<210> 1599
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1599
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120
aaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180
tcaaagagca gatggcagaa aggactatac cgaaatatat tttatttctg agcaccagca 240

taaaaacaag agaaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaag	300
tgatactata ctgggtggaga catgtcatta tatat	335

<210> 1600
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 1600	
ctttcactac atattaaatg acactttata actaatataa taggacaatc atcaatgcat	60
atatagccag cccttcatat ctgtggggtt tgcattccagg attcaaccaa ggaggaattg	120
aaaa	124

<210> 1601
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1601	
cggggttgat agggaaccag cgcattgaat atccttcctt tacattcatg gtactactcc	60
ctgatctcac tatgatgacg tagggcacag ccttacttaa tgcacacaga atgggggtct	120
caagccaaat aggcgtctga acagactgga tctactagaa cagaaattct agggactgaa	180
ctttctgtga cacagagatg gctttttttt ttgagggtct cggtctgtca cccaggctgg	240
ggggtggcac aatcttgact cactgcaacc tccggctcct gggttcaagc cattctcctg	300
ccttagcctc ctgaatagct gggattacag atgtgcacca ccatccct	348

<210> 1602
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1602	
atcgtatgaa ctacaactat taaaatgtga aatgcatgat gcaaatagtg cacaaaaaaa	60
tagagtgaag atgatgaata cagccataaa agacagccaa actccatttt agcaataaag	120
taaaatataa tctgctgtca ggggaaggta atttgaagta cttgagatgt tctttaattt	180
aaaaatccaa aatatattttt agcttttagtt actataaaac atgtttaagc attttccatt	240
tgaaataaaa ttttaatttc atgctttgtc agtttcccta aataaataga aaatagtaaa	300
atatcgcata ctanaaaaat caacttcttt ggtaata	337

<210> 1603
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 1603	
atctgataag attattttta ggacagaatg aagatttcct cttgaatgat ttgctctgcc	60
ctttatcaaa aagacatgtg tctgtccacc ttaacatttc tggataaaat ataccttgtc	120

ctttaaaaat	tactgcataa	cattaaaaatc	acgagcattg	ctatacatca	tcaacagtca	180
agccagagag	ccaaatcagg	aatgaactcc	cattcacaat	tgccacaaaa	agaatcaagt	240
acctaggaat	acagctaact	atggaggtga	aagatctcta	tgaggagacc	tacaaaccac	300
tgctcanaga	aatgagaaat	gacacaaaata	attggaaaaa	cattccatgc	tcatgggn	358

<210> 1604

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1604

cgttgctgtc	ggtaagagaa	ggagaaggag	aagggattaa	gttttaccta	gtcacatagc	60
caatgtcaga	ttcctaacta	gtggccgggt	ccgtctgac	caatgatcac	tattctctca	120
tttatgggtg	agtcactgtg	tggcttcaac	cacagtggac	ctctctggac	ctaagtgcc	180
tcacttgtaa	attaaaagaa	ctgggttagg	gccaggcatg	gtggctcatg	cctgtaacca	240
cagcactttg	ggaggctgag	gcaggctcgg	cacttgagct	caggagtcca	agaacagcct	300
gggcaacgtg	gcaaaacccc	gtctctacca	aaaatacaaa	aaattagcca	gggtgcatgg	360
tgtacatctg	tggtcccagc	tactgggagg	ctgagggtgg	aggatcactt	aatccccg	417

<210> 1605

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1605

cttcatgacc	tggaactgaga	acattttcaa	gttctctatt	tcgggtcaata	cagccccctt	60
aataattccc	caaagcatct	cccccttccg	cctgtgctac	gactctcttg	cacacgtttt	120
gtattcccac	agatcacaaa	atcacaaagc	accggagctg	gaagaatctt	aagagataat	180
ccaaggccag	gagcgggtgg	tcacgcctgt	aatcccacca	ctttgggagg	ccaaggcggg	240
tgggattacc	tgaggctcagg	agttcaagac	cagcctggcc	aacatggtga	aaaccctgt	300
ctactaaaaa	tacaaaaaatt	agccaagcct	cgcccgagca	cagtgggtca	cgctgtcat	360
ctcagcactt	tcagaggcg					379

<210> 1606

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1606

tacagttata	gccaggttgg	acttccggct	ccgtcctttg	ataactgtgt	gctcttgggc	60
aaatttctta	acttgcaggt	tcttgtgagg	ataacatgag	ttaattgagg	gcacttaaca	120
ctacctggca	cagattaagc	tcactctgaag	tgggagctgt	tacttagggg	cgtttgctta	180
gaacacaggg	tccagaggct	ctctcccggg	aacttagacc	cagttagtca	gaagttaggc	240
ctgcaaaaag	cagcaggagt	gggggttaaga	attccagcct	agggctggat	gcgggtggctc	300
aggcctgtaa	tcccagtact	ttgggaggcc	cgaatgggag	gatggcttga	ggccaggagt	360
tccagaccag	cctgagcaac	at				382

<210> 1607

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1607

ttggactaga	gattgttgtt	acaagaactt	taaaaataaa	aaaataatta	aaaagactta	60
tttttctgta	tcattcttac	tggttcattt	gtttaatagg	acttaagaca	tgaaaaaatc	120
aaactagtaa	atttgcattc	atacttgctt	acctacttaa	atatatagaa	gtaatgcaga	180
tagtggtaaa	agtcttgagt	agttcaaaag	agtctaattg	aaatactgtg	gattaaaatt	240

ttatcttctta	ttatcttcttt	tttcagataa	ttactgattt	ttaaaatgtg	ttgattggcc	300
gggcgcggtg	gctcacgcct	gtaatcct				328

<210> 1608
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 1608						
tatctgccaa	aatttggttg	gtatatataa	cagcttttgg	agagattttc	actgctatgc	60
ttttctttct	tttatgcttt	gttatttgga	gttttaattt	ctcaaagat	cccttctttt	120
tagatttcaa	attataacct	atttcctgca	ccattgctga	cgcttggtga	tccatgtcag	180
aagtacttcc	aggtcagata	cattttctca	tatttcaatg	cagagaagca	gttgaatatt	240
aaaacttaaa	aaaagataat	gtttaatgtt	aaacttatga	tttactaaaa	taacatgttt	300
tttaatttca	ttgttcttca	ctaagttaat	agaaaaatga	atcttggtcg	ccgcgg	356

<210> 1609
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 1609						
cgctgctgtc	ggcctggatt	acatatttag	atcctatctc	tataaaaaat	caaaaattag	60
ccaggcatgg	cggggcatac	ctatagtcct	ggctatttgg	gaggctgagg	caggaggatt	120
gcttttagccc	tggaggctga	ggctgcagta	agccatgatt	gcgccactgc	actcagcccg	180
ggtgacaaaag	caagaccctg	tctcagaaaa	aaagaaaatt	catggccagt	taagacaaaa	240
tgctatgact	ttgaaattca	cagaaagaaa	taacagttta	cattacgtct	tcaggatttc	300
acgatagaaa	taatctctcg	aaaaacctga	atttcagaga	ttcttagact	ggctgccaaa	360
ggatgacact	agcg					374

<210> 1610
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1610						
gatttttttg	tacctttctt	agggatatca	tagtttgaga	taccatgaaa	gatgttcagg	60
cagagccttt	tcaacgaaat	caccttgctg	tggtcttcac	agagtctagt	taatagaagt	120
tttgactggg	ctgggtgtgg	tggtcactc	ccgtaatccc	agcacttttg	gaggctgaga	180
cgggcggatc	acttgagccc	aggagttcga	gaccagccct	ggcaatatgg	tgagttcttg	240
tctctacaga	aaacaacaat	ttacaaaaaa	taaataggca	tggtggcaca	cccc	294

<210> 1611
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1611						
gagactgtgc	cactgcactt	aagcctgggt	gacagagtaa	gactctgtct	cagacaatat	60
tgtgatgata	ttgttatttt	tgaaactttt	ataccgcaga	gaacagagag	agactgagac	120
gtatataccc	tacaaagggc	tttttctctg	gtagagcctg	gaagggctag	aagtaaactt	180
ttaaaaattc	aagatagaat	cgtgatgagc	aagcctcatg	cacatgcatg	aggatggcta	240
ctaccaaaaa	ggcagaagat	aacaagtgtt	ggtgaggaag	cagagaaact	ggaactctca	300
tgcagtgggg	ttgagaaggt	aatatagtgc	agccgcgggt	gggcgcagtg	gctcacgg	358

<210> 1612
 <211> 377

<212> DNA
<213> Homo sapiens

<400> 1612
ggcattatgt ctttcagata ggatgatgct gattatgttt ggaaatagct aatctttcta 60
agaattgaaa attgttttct acatttttca tccacttaca gatcaaagaa gaaatctgtt 120
ttatatatgt caatttttct atagtggatt gtcttaaaat agagcacgtt tgatttacac 180
cagatttatg ttgtgacatt agttacaaat ttggtaaaaa cttttctaata tagagatgat 240
caggtaaatac ttgacaactg ttgagtaact gctagtaatg ctcttgagat ttatttttta 300
tttgatatca gatttataat tcaagtaaat atctgagtag aagctaatagc aaagagataa 360
ttactatatt ctaaggg 377

<210> 1613
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 1613
aatggcactt aatcacttaa actaatttaa attaaataat tggttattta aatcatcttt 60
ttcatttatt ctctacttta tttgtttgtc ttccctgcct gaagggagga gctaactgca 120
ttagagggtg tgaaattcac cgtagatga tccctgggct agaattttaa aggatgtggg 180
gatttatcag gtaggggaata tagaggcaag gaagatgtag gtgtatgtac tcattcgtat 240
ttaacttgtc cagtttatta agtcatttga attttgtcag aagctagatc acttctagta 300
gtttttaaca aagtaattct caaaaaccca aactattgat ttggtttgcc tcccn 355

<210> 1614
<211> 401
<212> DNA
<213> Homo sapiens

<400> 1614
cgttgtgtc ggtttgcttc aggatgtttg atttaaaaca gaggttcttc cctttccgga 60
cagggtcaga atgacctggg ttctctccaa ggttggtgtac aagagctcca caccttctgt 120
tcagaagacc aaggacagtg gcagatgcca tggcctgttg tgaagcgaag ttggaggagg 180
gagaattcta caacagatgg tttcttgat atctggggcc tgtccagctc tagctttgaa 240
aatgatgggc cagaccttga actggcatgg atacaggctt aagtgccaga acaggaagtg 300
aggtcctagg gtgatgtctt tggggcagct gctgctactc agctgggtggg ctggcaccgc 360
tagctttggc ttctatgggt ttggtgagga gattgtgtgt g 401

<210> 1615
<211> 387
<212> DNA
<213> Homo sapiens

<400> 1615
tacggctgtt atatatacga cagaagggcc atacagtagg aggaggggta cctaacccttt 60
cacaaacaac aacaaatgtg aaaagtcagt gacacactgg acagaagaaa cagtgagacc 120
agcaggccat ttaatctaca ttattctctc caggctttta aaaataatta tgccatcatg 180
tgctttttgc tgctattatg tcataattgc cttacatctc aaatcattaa ttaaaatgga 240
ttttaagagt acggaattgg ctgacttaca agatcactta ttaatccgtg cccggatgtg 300
ttgtttcttg cttacagaga cacccttgac cgttactctt tcgcggaatc gttcacaatg 360
gcattcttac aacaacagga tatcgcg 387

<210> 1616
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 1616									
cgttgctg	ggcagaaatc	tacatggaaa	aagaaagtta	agagtcttcc	taatattctc				60
accgatgatc	gatttaaagt	tatgtttgag	aaccttgact	tccaagtaga	tgaagagagt				120
gaagaattta	ggcttctgaa	tccacttggt	tcaaaaatta	gtgaaaaaag	gaagaagaaa				180
ctaagactct	tagagcaaca	agaacttcgt	gaaaaagaag	aggaggaaga	gccggaagga				240
aaaccaagt	atgcagaaag	ttcggagagt	tcagatgatg	aaaaagcctg	ggttgaagag				300
gtcaggaagc	aacgcagact	cctccagcag	gaggaaaaag	tgaagcggca	ggaacgactc				360
aaggaggacc	agcagacagt	cctaan							386

<210> 1617
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1617									
cgttgctg	ggcccttaga	ttttggagac	atcaggcaga	tgtctccaaa	aatgattgtg				60
atcaagaatc	tgaattataa	gattcacagt	ctgctcccca	accagtgct	gccaaactgta				120
cagctgcgcc	tccacgaagg	ggcatatgcc	aggctcgtct	gaccctggaa	tgaggatgta				180
ggaagcaggg	agagctccgg	ttcagccctc	acaatgggac	tgaagcagga	gagaaggctg				240
ggcagaaggg	ctgtggggaa	gtagggcttg	tctccatgga	tgacgtccag	aaggatgtca				300
ggaggaggaa	tatcacagga	gttatagaca	ttggaggggaa	cagagactgg	cacaggacct				360
cttcattgca	ggaagatggg								380

<210> 1618
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 1618									
ccaggctggt	cttgaactcc	tgacctcaag	tgatccgccc	acctcagcct	ccaaagtggag				60
ccaccgcacc	cggcctgtta	ctctattttc	tacttactat	ttacaactgt	cagaaggtaa				120
atgacaacct	gatttttggt	gctttttaag	tcacttatac	ctctcactag	tgatacacat				180
ctttttttatt	tcagaaaaatg	ttttattata	attataacat	tttagtattt	gttctttttct				240
tttgcttttg	cttggttctt	tagaaccttc	tatttatgta	tttgatcttc	ttgaactggc				300
ttctatggta	gtctctttct	ctcaggactt	tttttttggt	ttgccacttt	cttcattttcc				360
atccaatttt	agaaattatc	ctcatttgn							389

<210> 1619
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1619
gaggcaagct gcaagaagggc catgggggaca atgtgcagag caatgaagcc tcttgcccat 60
agtgactgta cccgcgacct ggtggtgacc aggcaggcat ttgcacctgc tgggctccag 120
agctccccctt ctttcttcac tcggtgacag caaaccaaga cttgggtcac atcatttctg 180
ggtaagtatg cagagatgct gaaagaacag tgggagcaaa aagaacaata ttcttgaacg 240
tcttctgttt tctctatgac ccttagaaaac ccaaagaaaa tttcacagta ggaaaataat 300
ccattgcaca aactgtattt ttaaaggg 328

<210> 1620

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1620
tacgcctgcg agaacacgac agaaggggtt gtcagccacc cgcagtgtct tttctctgaa 60
agtggtttgg aagactggct accatctggg tgcgaggaat cattagcagc gaggccaagt 120
ttgaggagcc tgagaggagc tgtgcgccaa gaggagggtt tttcttttcc gagaatccag 180
agggcccttat tatctgcttg ctttctcagc tgaaccttg cccccggatc ccccgcaaa 240
gccctctgag gcggttttgg tattcatctt gtgattgac cttcagatat ctgaacgggtg 300
cgatcctcgg tcccggtgtg aatcactatt ctccctcata gctcgttct ccttaacgct 360
tctcatcta cggtg 374

<210> 1621

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1621
ctttgtttca aaaagcttat cccatctcta agaataacag ttgtaacaac acaaaatatt 60
gttttaaaag gaagaaacaa atctaataca gaagttcctt actgcctata aaatctgaaa 120
ctttcttttt ttttttttta gaaaaggggt ttcttttttg cccccagggg gggaagaatt 180
ggggtaattt caaataattg taaatcactc ctccgggtac cccccattt tccggcacat 240
ttccccgttt tatttttagga caaaagcacg ccccccttc caccaaatat ttttggcggg 300
gtcatacac cacacgggtc atgtaacaac ctccgcatta tttataacat ttatcttgtg 360
ttagca 366

<210> 1622

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1622
accagtgagc catgctgtct ctttaaataa aatgaggggt ttggaagaga aaatgaagag 60
aaatccttgg gaaatttgag agaaatgagt aaagaaaaag aaaatatatc cttttaccag 120
agttttcctt cttaaccctg acttgaggtt gctctttgct ctggaggaga gctctagatg 180
ggctgggaga tttggatctc acttgacagta tttctcaaaa gcagctgtgc aaaccagggc 240
aagtcatctt gcctctttgg gtgacaattt cctcccttga aaagtgaata tgatgtctcc 300
ctgtctgtcc tatcagtggg taaggaaaat cagatgaaat gatgggtac 349

<210> 1623

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1623
gttcatatac aggaatcaaa tcacattgac acacatagtc actttgtcct atttaaattc 60

tcttttaatt	cttttagatta	catagagaag	aaagactcag	tttgetgcta	gtatttcctt	120
aaaacatctc	aactctctct	ctctccctct	tgaacagagc	aaaggccagc	tctgattcag	180
aattctcagc	tagcaacagt	atctagctac	aatttaacaa	catcgtctgg	gaatgggata	240
tatttttata	tttatcttct	atdddggcaa	atgatactgg	atttccattt	atagtaatga	300
tataaagttt	ccttaataaa	tgcattttatc	taagtcaata	attgg		345

<210> 1624

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1624

ttgtaaaacc	tggaaggaca	aggtttgggc	atggcatcag	agctgaatga	aagcttgcca	60
tcatggtgta	ctggaaaggg	acagatacat	ggtgaatgcc	actgttctgg	acttttgtgt	120
cattggtaat	aatgaagga	gctcaacttg	tttttgcaag	agggacattt	gcaataatta	180
atctagggac	agagagatac	tgtaaagatc	aatgattatg	atttgggatc	cggcctcaga	240
ttaaccaggg	ctcaaaactc	tcttctttct	cttaataaaa	gagagaatgt	actgactttt	300
cgaatgtact	cgccttaact	tcccagtatg	ttcttaatgt	ttaaggcata	ctgctctctc	360
ctcctaactct	tgtaccc					377

<210> 1625

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (332)

<223> n = A,T,C or G

<400> 1625

gactaaagaa	aatcccaaaa	gccaatataat	aatatattac	atatatggta	tataaacctt	60
catttgtcct	tgtgtcctgg	ttcccaaaaa	tataaagggt	aagtctgctc	ctctaattca	120
ctccaatctc	agtcggaaca	ctgaacttgt	gtctaccaca	ggcccaatcc	tgtgttttgg	180
gtggagtggc	tgacagtggg	gggagagagg	gaagtaaagt	ttttggtagc	tcaagcaaat	240
gccaccttgt	aatgaggctt	tctccctttg	gtcaccggcc	tgtaccctat	attatttgga	300
gtctagaagg	tccaagttct	gaacaagatt	an			332

<210> 1626

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1626

cgttgctgtc	gaaaatacga	cagaaaatag	aagaaacacg	tgcacagaga	gtccagttaa	60
agaaattgcc	aaaagttaac	aaagagctgg	cacttaaatt	aattgaggaa	gaagaggaga	120
agcagaaatc	tacatggaaa	aagaaagtta	agagtcttcc	taatattctc	accgatgac	180
gatttaaaagt	tatgtttgag	aaccctgact	tccaagtaga	tgaagagagt	gaagaattta	240
ggcttctgaa	tccacttggt	tcaaaaatta	gtgaaaaaag	gaagaagaaa	ctaagactct	300
tagagcaaca	agaacttcgt	gaaaaagaag	aggaggaaga	gccggaagga	aaaccaagtg	360
atgcagaaaag	ttcggagagt	tcagatgatg	aaaaagcctg	ggttgaagag	gtcaag	416

<210> 1627

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1627
aagacggcct acggttgcca gttgacgaca gaaggaggcc tattttatga gataagtact 60
attttggttaa aattttatat ttaatataga taataaattg actaccccaa atggtggaat 120
gcaaggatag catattacaa ggaaaatgtt acaacaact aacattaact agacaaagga 180
tgaaataatc atttcaaaaa aggttgagga ggctatcagt aaaattcagt atctattact 240
gataaaaatg ttggaggaaa aagtgtatca gaaaatataa tcatgggcca gtcgcggtgg 300
ctcacgcctg taatcctaac actttgggag gccgaggtat gtgggtcacc tgatgtcaag 360
agattgaaac cagccttggc cacgtaatga aaaccctg 398

<210> 1628

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 1628
cccgttaact ccattatatg ccaatagagc gagactccgt ctcanaaaaa aaaaaaaaaa 60
aagaaaaaaa ttcctttgaa aaaaaacccc cccctcaaag gaaacctttt ttttggggggg 120
gggggtttttc aaaaaaaaaa attttgaacc ctgtttttta cccattggggg aaaaggggggg 180
aaccgcggctg gggcctcccc caaccggggg ggggggggga aaaaaccccg ggggccccca 240
aaaggccccc cctaatagccc gctaggggct tctttttttg ccccccattt ttgggggagg 300
ggggattttt aataaacccc ttggggcttc agccaaaaag ggtaaaaagg gaacccggtt 360
tcctgggggca aattcctgaa aaaaggtggt gaaaaagccc actttgggc 409

<210> 1629

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1629
cggtgtgtgc ggcacgcctg ccccttggg tgacctcttg tacccccagg tgaaggcag 60
acagcaggca gcgccaagtg cgtgccgtgt gagtgtgaca gggccagtgg ggcctgtgga 120
atgagtgtgc atggaggccc tcctgtgtctg ggggaatgag ccagagaac agcgaagtag 180
cttgctccct gtgtccacct gtgggtgtag ccaggatagg ctctgcaccc ctctgccctc 240
attactgggc cttagtgggc cagggtgcc ctgagaagct gctccaggcc tgcagcagga 300
gtggtgcaga cagaagtctc ctcaattttt gtctcagaag tgaaaatctt ggagaccctg 360
caaacagaac aggggtcatgt t 381

<210> 1630

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1630
tgctcaaac agctaacttt tctaagatcc tgtttcccca tccataaact gaaataatca 60
gagccctacc tctttcagaa taagtaagga gtgaatgaaa tattccatat gacatgctca 120
acataatgcc tgccacacag aagtattcaa ttagtactta attcttggtta tatttttatc 180
attatttgga tttaactatc ttgctgagtt gtttggaagc caaatgaggt cattgcctcc 240
aaacatttat tagagatatt gctatgtgct aagcattaca ataggtgcag gagaatacaa 300
acgtgaatgc ctgcaaggaa cttacaccag aagg 334

<210> 1631

<211> 418

<212> DNA
<213> Homo sapiens

<400> 1631
cggttggtggc gcaggcagat gtctccaaaa atgattgtga tcaagaatct gaattataag 60
attgggagtc ggggtcccaa cccagtgtcg ccaactgtac agctgcgcct ccacgaaggg 120
gcatatgccca ggctcgtctg accctggaat gaggatgtag gaagcaggca gagctccggt 180
tcagccctca caatgggact gaagcaggag agaaggctgg gcagaagggc tgtggggaag 240
tagggcttgt ctccatggat gacgtccaga aggatgtcag gaggaggaat atcacaggag 300
ttatagacat tggagggaac agagactggc acaggacctc ttcattgcag gaagatggta 360
gtgtaggcag gtaacattga gctcctttca aaaaaggaga gctcttcttc aagataag 418

<210> 1632
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (385)
<223> n = A,T,C or G

<400> 1632
cagaactgga gcgtggcgat ggcgttaagg ttttgaggga gcgagccacc tagcggaggc 60
tgtccttcac cgcgggcgcc aatggggagc agaaggactc ggacacagga ccgcccgggg 120
cctgcttgct ctgggggcagc cagcagggag ccctcgtcag gagcgccatg ggccgaagct 180
gcctgccctc tgcacgtgga tgtttctttg gaacaagggg aaaaattatg actttcttat 240
tttgctttga cctgtgaatg acaccctggg ctctgggtgcc tggggtgtgc tctctgcagt 300
gctgtcaggc acatgctggg tccttcagcg ctaggtgctt ggcaccttca gtcttttgct 360
gacgccatgg tcgttcctgg ggccn 385

<210> 1633
<211> 407
<212> DNA
<213> Homo sapiens

<400> 1633
ggcacgagcc aaaatggatc tatgctgaag ccagctgtct gtactcgtga actatgcggt 60
ttctccttct acacactggg cgtcatgtct ggagctgcag aggaggtggc cactggagca 120
gaggtgggtg atctgctggg ggccatgtgt agggcagctt tagagtcccc tagaaagagc 180
atcatctttg agccttatcc ctctgtgggtg gacccactg atcccaagac tctggccttt 240
aaccctaaga agaagaatta tgagcggctt cagaaagctc tggatagtgt gatgtctatt 300
cgggagatga cccaggggctc atatttgga atcaagaaac agatggacaa gttggatccc 360
ctggcccatc ctctcctgca gtggatcatc tctagcaaca ggtcaca 407

<210> 1634
<211> 374
<212> DNA
<213> Homo sapiens

<400> 1634
cagtctctac taaaagacag aaacaataca ctgccaaaat gttaagttga ccaccgtgaa 60
acttctctat tggagtgtct gtttctttta gctgtgaata ctgaaattat gccttgtctc 120
ctccccaccc caggggggatg ccgttttgca gtgtggacac gtgtttgaag cagttactaa 180
actcgtcatc ctgggttaaga aggagaacat tgtcaatggt gttcaaggaa ggtaggtggc 240
ttcatcttca gctcaggaag taattcaatg ttaaaatgct tattaaggcc gagcgtgggtg 300
gctcatgcct ataatcccag cactttggga ggctgaggtg agcagataac ttgaggctag 360

gagttcaaga ccag

374

<210> 1635

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1635

cagtctctac	taaaagacag	aaacaataca	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttcttta	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	cagggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcatc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaggaag	taattcaatg	ttaaaatgtt	tattaaggcc	gagcgtggtg	300
gctcatgcct	ataatcccag	cactttggga	ggg			333

<210> 1636

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1636

ggcacgagga	gaaggaaaac	actggattta	taagccacgt	ctgggaagtt	ggaaaaggag	60
aaagaagcaa	aggaaggctc	tgaaccaaag	gagcaggaag	accttcaaga	gaatgatgag	120
gaaggctcac	aagatgaagc	ctcggagact	gactactcat	cagctgatga	gaacatcctc	180
accaaagcag	atacactcaa	agtaaaggat	cggaagaaga	agaagaagaa	aggacaggaa	240
gcaggagtat	tttttgaaga	tgcattctcag	tacgatgaaa	acctctcggt	ccaggacatg	300
aacctttccc	gccctcttct	gaaggccatt	acagccatgg	gcttcaagca	gcccaccccg	360
atccagaagg	cgtgcatacc	tgtgggtcta	ttg			393

<210> 1637

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1637

cgttgctgtc	gcaaggcgcg	ttcgagcagc	ggcgaccgac	gcggcggaagg	agcgcgccat	60
ggagcatgtg	acagagggct	cctgggagtc	gctgcctgtg	ccgctgcacc	cgcaggtgct	120
gggcgcgctg	cgggagctgg	gcttcccgtg	catgacgccc	gtgcagtcg	caaccatccc	180
tctgttcatg	cgaacaaaag	atgtcgctgc	agaagcggtc	acaggtagtg	gcaaaacact	240
cgtttttgtc	atccccatcc	tggaaattct	tctgagaaga	gaagagaagt	taaaaaagag	300
tcaggttgga	gccataatca	tcacccccac	tcgagagctg	gccattcaaa	tagacgaggt	360
cctgtcgcat	ttcacgaagc	acttccccga	gttcagccag	aa		402

<210> 1638

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1638

cgttgctgtc	ggagcgcgcc	atggagcatg	tgacagaggg	ctcctgggag	tcgctgcctg	60
tgccgctgca	cccgcaggtg	ctgggcgcgc	tgccggagct	gggcttccc	tacatgacgc	120
cgggtgcagtc	cgcaaccatc	cctctgttca	tgcgaaacaa	agatgtcgct	gcagaagcgg	180
tcacaggtag	tggcaaaaaca	ctcgtttttg	tcacccccat	cctggaaatt	cttctgagaa	240
gagaagagaa	gttaaaaaaag	agtcaggttg	gagccataat	catcaccccc	actcgagagc	300
tggccatttca	aatagaagag	gtcctgtcgc	atttcacgaa	gcacttcccc	gagttcagcc	360
agattctttg	gatcggaggc	ag				382

<210> 1639
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 1639	
ggcctacgtg ttcttgcggt ggcggagcgg cggattagcc ttcgcggggc aaaatggagc	60
tcgaggccat gaggagatat accagcccag tgaaccacgc tgtcttcccc catctgaccg	120
tggtgctttt ggccattggc atgttcttca ccgcctgggt cttcgttttac gaggtc	176

<210> 1640
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 1640	
cggttgctgtc ggaaagatgg cgtgtgtggt cctcctccat caaagaaaat gaagttat	60
ggatttaaaag aagatccatt tgtattttatt cctgaagatg acccattatt tccacctatt	120
gagaaatttt atgcttttggg tcttccattc ccaaggatga atttgttaac tcggactaca	180
gaaggggaaga aaaggcagct ctacatgggt tctaaggagt tgcggaatgt gctgctgaat	240
aacagtgaga agatgaaggt tattaacacg gggatcaaag tctggtgtag aaataacagc	300
ggtgaagagt ttgactgtgc tttccggctg gcacaggagg gaatatatac attgtatcca	360
tttattaact caagaattat tactgtatca atggaagatg ttaan	405

<210> 1641
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 1641	
ctacaaaagg ttctttgctt ggttgagatg tctgaaaagc cttatattct tgaagcagct	60
ttaattgctc tgggtaacaa tgctgcttat gcatttaaca gagatattat tcgtgatctg	120
ggtggtctcc caattgtcgc aaagattctc aatactcggg atcccatagt taaggaaaag	180
gctttaattg tctgaataa cttgagtggt aatgctgaaa atcagcgcag gcttaaagta	240
tacatgaatc aagtgtgtga tgacacaatc acttctcgt tgaactcatc tgtgcagctt	300
gctggactga gattgcttac aaatatgact gttactaatg agtatcagca catgcttgct	360
aattccattt ctgacttttt tcggtttattt tcagcgggaa atgaag	406

<210> 1642
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1642	
gttcactatg taagttaaaa tatcaaagag ggatatacaa ctgaaaagta aaagttcacc	60
tttctttcct ttctcctact tctataattt gatcagttta gataaaatat ctctgctttt	120
caaaattact ctctagctgg ctcttgagga aaaaaaatgg gggtaggagg agctggggcc	180
ttcccttatt tatacaagcc gatgaagagg tcttagactt ttggagagtc acagtaaaga	240
aagaaaacca gtcacctgat ttaaacaac aatatattca ggtttctgaa tctagatttc	300
tagttccagt ctttgaacag	320

<210> 1643

<211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1643
 tatecttcaa aactgaatgc aaaatagaga tgtattcaga caaaaaccaa gaaaactttg 60
 cactagcaga ccaaacatgc acagatgag aaactaaagg aaattcttca agtagaatga 120
 aaataatgcc aggtaaaaca tgaatataca aaaggaaatg aacagtgcaca aggataaatg 180
 aatactgagt ttacaaacag tgaatgtaat gtctgtggg gtctgaatta tacatagaat 240
 acaaatgcac aataacaatg caaaggagc aaagaggtaa attcatttaa aggttacaca 300
 gttctagcag tactga 316

<210> 1644
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1644
 tatctgctgt aatattttta tctaggtag ggataaaaac atcccatttc tggactttac 60
 ttggagaacc agctagaggt gaattacga ccttcatga cctggactga aaacattttc 120
 aagttctcta tttcggtaaa taccgcccct ttaataattc cccaaagcat ctcccctttc 180
 cacctgtgct acgactctct tgcctacgtt ttgtattccc acagatcaca aaatcacaaa 240
 gcaccggagc tggagaatc tcaagagata atccaaggcc aggagcgggtg gctcacgcct 300
 gtaatcccac cactttg 317

<210> 1645
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 1645
 atctggttag tacaatgcac ttatcatgct tgtgtgtgtg cgtgcgcgtg tgggtgagta 60
 tgaggcccat ctttctctct ggaccattc ttttcacaga attaacgtat gtacccatca 120
 gatttgggtt aagatctata ttatgggtgac cacacaaatc acatcttgct tactgatctg 180
 actcctatgt tattctgtct gaigtgtcta ttgggtctctg tgacctttgg gaacttgctt 240
 gatttctctg ccatttttat ccctatctca gatgcgtatt ttgaaatttt aatgtcattg 300
 ttaatgtgaa gaaetcagcc ag 323

<210> 1646
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1646
 tacgggttgc cgacgactac agcaggacac gaaattaaag catatagagg tcaagttttt 60
 ctccaatggt actgcgataa cctatggcaa agacaaaatt gtcaaccagg gtatttgagt 120
 tcagagaaaa cactcttagt gcatatgtta gagtgtgaga gtcataaaca gcacattgct 180
 tttacactga actttctacac atatttgagc aactgggtga tttaaaaaaa ttattacacg 240
 gatgatgaat tattaagcaa atctgaact ttttaaattg gagatatttt aatacttata 300
 taagaaattg caggttttca ccatcatag ctttacatat cccacagagg g 351

<210> 1647

<211> 267

<212> DNA

<213> Homo sapiens

<400> 1647

ctactgtcat	tatgtctggc	ctacggaga	aactctgtga	gtagctatta	attaacaaag	60
acaaagcaca	ttaaagagaa	attgaagga	gggagggagg	aaggaaagta	aagtttgaga	120
ggaaaagaat	atagattcct	actctggg	gataagtaat	gaagccttat	gcttgctata	180
ttttttcttt	ctggaaatat	ctgagtgtc	tgtggtgaca	gacgaaagac	cattttactt	240
gaacaaagag	tttaaataca	gctga				267

<210> 1648

<211> 247

<212> DNA

<213> Homo sapiens

<400> 1648

tgggatatgt	gtcgtttaa	ggactcttt	gctgctttgc	agacagtggc	ttgaatgggt	60
caatggtttc	tcacgtgaaa	tcacggaaa	gaatttcttg	gaaagaatgg	aatttaacac	120
atatgtgtgg	gaggatttca	aatgttgga	agaaataggg	ttcaaaagag	actgagctat	180
atgctgcaaa	tcctgacact	ggggtatatac	ccgtacagtt	tgaagagggt	taattcaata	240
gaaaaat						247

<210> 1649

<211> 370

<212> DNA

<213> Homo sapiens

<400> 1649

tgtggactac	gactgcgaca	tgacgacaga	cggggatgag	tgtgatccat	cctatcctca	60
gatggaagga	taaaaaacct	atactcatta	caattgatga	gcaataacta	ttatgagaaa	120
acacaacatg	ccttcattgt	accggccctc	gcaacaatac	gcattcattt	gatcgaacta	180
cgtccatagt	gaggggcatg	tatctatagac	ccatagctaa	ttcgtactca	atggggaaaa	240
tcgaaagcct	ttcctctaga	atagggaaca	tgagaaagat	gcccactttc	atccctttta	300
ttcaacatag	tattggaagt	ccttgctaca	acaatcaaac	aagagaaagt	aagaaggagc	360
atccaagttg						370

<210> 1650

<211> 356

<212> DNA

<213> Homo sapiens

<400> 1650

aggatgttag	ccaggaggat	ctcaggacc	tgacctcatg	attcacctgc	ctcggcctcc	60
cgaagtgtg	ggattatggg	ggtagccac	cacgcccagc	ccatttgtcc	tttttttaat	120
caaaagattt	taaaagtaca	agttctgcca	cagagtgcag	gtctgcaaag	tgtttcgact	180
ctacaaaaga	gtgtttgtat	ttttaaagtt	caggaaccat	tttacggact	aagacactga	240
ggccctagga	gatagggctt	cttgccaag	ttgcagagcc	agctggggcc	cagggagttt	300
aatccaagtg	gtgtgggtct	cccctctct	ctgttcaggg	aagagcccc	ttcatc	356

<210> 1651

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(336)
 <223> n = A,T,C or G

<400> 1651
 caggctcacc gattcacttc atccccgtca ccagggtactt gttagttagg tacacaaaat 60
 tattcttctg gattcctgaa agtcttgtca cagtttgtta tctgcagact ctcacttata 120
 ttcattctcaa agaaacgaac atgatcacct ggtctagttc ttccgacaag cctggacaat 180
 atagtaagat cccatatcta taaaatgttt tcaaaaaaat tagctgggtg tgggggtgtg 240
 cacctgtggn gcctgctatt caggaggctg aagtaggagg atcccttgag tccaacagtt 300
 agaggctgta gtgaacagtg atgggtgccac tgcact 336

<210> 1652
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1652
 tattgttagt tattgttggt aatctcttac tgtgcctaatt ttataaatta aacttaaatca 60
 ttggtatgta tgactaggac aagacatagt acggtatata taggatttat tattatTTTT 120
 ggttttaggt atccatttta ggttttaggt atccactggg gatcttggaa tgttttccct 180
 gcagataagg gggggactac tgtacattac tttctccatg taaatattgc ccatgtaaatt 240
 actgctgaga ccagtagtat attatgattc tattttacttt cttatatgct ttgntttccct 300
 tctcaagtta attgcctgat tntatgttta tttcttttta tt 342

<210> 1653
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 1653
 cggttctgtc ggggctgttg tgagagctag aggcttggtg gtaaaacaat gctagatgtg 60
 gtgtctgtc ctgagcttaa aaatagcttg agaaagacag tgatattatc agaaaagaat 120
 gtgcataatg aaaagttgaa acttttataa actcactcaa aactaagttt taaaaaagag 180
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tggatatata 300
 ttattttaac ttgccatatg aaaacctaag gcacagggag gtaacttgcc tacagggtgca 360
 gccctaggaa gtcagggagc caggattcac tgtcagctga ctgactccaa at 412

<210> 1654
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1654
 cggggacggg ctctgttctg ccacactaac aattcgagaa gccaaaggccg gaattattct 60
 tgagaccgag ggaataggac caatcctggc catcataggc tgacttcacg gctccaacag 120
 gatgatttgc atattatcca tgtgcaatgg cacacactg gagtgcgacg tacttgggag 180
 gctgaggtgt gaggatcact tgagcccatg aggcacaggt tacagtgagc caagatctca 240
 ccaactgcact ccagcctggg tgatagagca aggtcctggc tctaaaggaa attttaaaga 300
 ttgcccttgg aattaagatt aatatgtatt ccctgg 336

<210> 1655

<211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1655
 agctgtgacc tgagggatga attgcccatt gattcattta ttgattgaaa cgccctttat 60
 tgaaagtctg ctatgtgcc aagcattgctt taggcacagg gtgtatatag tgtaaataaa 120
 gggtccctgct ctctcagagc ttacaatctg ataaaagaga aatgcaatga gcaaataagt 180
 aaagaaaagg aaatatcaag caggcaataa cttctgctat gaaaatcaaa ctggggaatg 240
 tgataagaaa tgcatagggg gctatgctag gtgggggtggg caggaaaggc ctttctgaat 300
 aggtgaaatt tggagggttaa aaaacatgga tagg 334

<210> 1656
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1656
 aacatcacta tcaattaaca ttttaattga tagtgatgtt attaggcttt tcatttaagt 60
 catctacaaa ttgattgaca attgaacttt atcatttgct tagttcactg ctaaatcaaa 120
 ctgtttaata cttttttcta atagtaaaaa catactgaag attgagaagc actgggtgtag 180
 aaaaaatatg taaatatata aaatgtaata gcctggaaat caatcagaaa attggaactg 240
 attccatttg taagaacaga aacataaaat aagtttttaa cttataaaac ttttatttta 300
 aaattactac aaacctcaat gtaggggtata aaaga 335

<210> 1657
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1657
 tcgaattccg ttgctgtcgt ggacaaacat tccttttctt ttcaagatcc taaagctgat 60
 catcaacgag ctctccaacg tcatggaggc taatgccgct cgccaggcca ctctgcaga 120
 gtggagtcaa gatgactcca atgatatgtg ggaggaccag gaggagggaag aggaggagga 180
 ggaggatggg ttatctggcc aactttttatc tgacattctt gctacaagta aatatgagga 240
 ggattactac gaggatgatg aggaagatga ccctgatgcc ctgaaggatc ctctctatca 300
 gattgatctg caggcatatc tcacagattt cctctgccag tttgctcaac agccctgcta 360
 cataatgttt tcaggccacc ttaatgacaa tgagaggcga gt 402

<210> 1658
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 1658
 cggttgctgtc gcgagtagct gggattactt tcgcccacca ccatacctgg ctaatttttt 60
 gtatttttag taaagacagg gtttcatgga gaaaccaata tagaattgtt caggctgggc 120
 tcgaactccc aacctcgggt gattcaccca ccttggcctc ccaaagtgtt gggattaaag 180
 gtgtgagcca tcgtgcctgg cctaaaaaat ttttttttct tcatctgggt ttttgccttg 240
 aaaacaagtt tctccaaatt tacagatttc ctgatgatgt tgggtctgaa ctaccaact 300
 tgattaggtc ttttagggggc gagggactac ccagctgcac aggtgactgg atgggggagg 360
 tgtgggaggg ttttctccac actacgtcct tctgcattg 399

<210> 1659
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1659
aaaccctgtg aggctgagct gtgaggggaag gtttgaggtt tgctatggga aaggctgcag 60
ggtctataag aattgaaaag gggaggccaa ggaggcttca gatccccttg acagtatttt 120
taaaagatgc aggttaaaaa attgattttc ttgttattta ttttttgata cctaattgaa 180
cttctccaac ttgacctctt ttaaaaacaa caacaagaaa aaaaaaaaaa aaaccctgc 240
ttccccttat tccttaaccc gggagggggc tttcccaaaa aaaaaaactc cagcccgatt 300
tctttgggaa aaaaaaatcc taaaaccctt aaaaaaatat ctttaag 347

<210> 1660
<211> 362
<212> DNA
<213> Homo sapiens

<400> 1660
aacaaaaaat atgaagacat actatgtgct gggaattatt ttaaaactaa gaaaacaata 60
aaggaaaaaa actagattgc tcctttccct cattattata ccacacgttt tctgtcagta 120
ctacaggaat atataaaagg tctatcttcc ttgagggcaa gattcaggtc taattaatct 180
tttgatcttt cttattactc agccagagtt ttgcacatgg cagacataag gtaatagttg 240
gttgagtcac ctatgtaaat gaatgctgct tagtgcctac aaaaatggga tttctcaaag 300
atgattagag aggttaagtgg taaggaagat gttttctcat aaaaccagc agctttggga 360
ag 362

<210> 1661
<211> 176
<212> DNA
<213> Homo sapiens

<400> 1661
agcttgcatg agccaccggg cctgggtcaag aataagggtca tttattgttg tataggcaat 60
aagtgtgaat caaggatact tttaaaaact catagggtgag cccgggcatg gtggctgaaa 120
tcagcctgca caaccgtag tgagacacca tctctacaaa ttaaaattaa aacttt 176

<210> 1662
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 1662
gaagatgtga gtgtgactcg taaaggcaag agcatgtata ttatgcaaaa gcagcctgaa 60
atattttatt cacagacaga cagacaatgc ttgactccct gctaactctga aatacttcgt 120
ggggagggcc agggaaatca aaacaaaatt tcagaagtag aatgagctat ttggtgtatg 180
tctccaaggc cagtaaataa caagaaggaa aaataaattt ctttgctaac aacaagaagg 240
agaaataaac ttttttgctc taaaatattt tccaattatc tccacgacac tggaggggaag 300
gactancnnn nnnnnnnnnn ggagggaggg agggaaaaan nnnngaaagg aaaaagga 358

<210> 1663
<211> 400
<212> DNA
<213> Homo sapiens

<400> 1663

cgttgctgtc	gggaacaaca	aaacattttt	catagagatg	ttataaagat	tagagattat	60
ttggcactgt	gtgtgacaga	ttataaaggt	tcgatgaatg	aaatctggca	aattttttaga	120
tatatgtatt	caacgaattt	tttggtggaa	cacagataac	ataatcctga	gaattaactc	180
tttgtagaga	cctcaagatg	agcaaagctc	tatcactttc	agaaccatga	ccactctggt	240
gattttgatt	tcagaatctt	ctttcattct	ggtaaaccct	ctttgcccc	ccaaatattg	300
tatggaaata	catttttttt	tttttttttt	gaaacaaagc	ccccctcact	ttgttcccca	360
aaaggaaggg	caggggcgaa	attttggttc	accgcccccc			400

<210> 1664
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 1664	
tacgtctgcg	aatacgacag aaggggggtg agattgcagt gagccgagat tgtgccactt 60
cactccagcc	taggtgacac agcaagactc catctcaaaa aaaaaaaaaa aaattttttg 120
tttttttttt	tccccctttc ccccccaaaa atataaaggc tttttaaccc ctgttatact 180
gctttattat	ttttaatagc attattgaaa tgagggtttt ttttgtctcc caaactggat 240
ttttttttac	cacaattttt gttccttgaa ccctaatttt ctgggacctaa ggatatcttt 300
tttctttaac	ctccacaatt taaagggggt tcacccaccc ttgggtaaatt ttgattttat 360
ttgan	
	365

<210> 1665
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1665	
tactgaagac	cagcgcggtc cttacagctt ttcacagact ctcaccacaa acccagtgc 60
caggccaaac	atctctctta ccgattacag ggtgggtgta ctctgctggg ataataatta 120
tgttatcctt	ctgaacctgg ctaacaacaa gtgttaacaa tcatagggaa atgggttttag 180
gaaagctaac	tgggttgagg ttagagaggc cataagggtg tatgaggcag cacaggatgt 240
ggccacaggt	cctgagtcac agagcaagac ccggcctcta aaaacaaatt tttttatttt 300
ggaggggtgga	ggataggggg tgggaggg
	328

<210> 1666
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1666	
tcagatggag	atgggtggtt cacaacattg tggatgtact aaatgccact aaactgttcg 60
ctttcaaagt	gttgatttta tggtatgtaa atttcacctc acattatttt taaaaatgat 120
ggcttttaaa	gaatatttac tgacatagga aaattcacac cacataccta ttattaaaac 180
tggacttaca	atataatctc aattttgaaa gattaaaaat gtacatgtga gtttgtgcat 240
atatacatat	atacagatat gcgcgcgcgc acacacacac acaccatata tatatatata 300
tactcatcct	cctccccaaa
	320

<210> 1667
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1667
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300
 gcaaaagaga agataaaaat atttagaaat aagttcaaga aan 343

<210> 1668
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1668
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300
 gcaaaagaga agataaaaat atttagaaat aagttca 337

<210> 1669
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1669
 gtttcattct gcatgtcttt ggtcatacaa tagtctattc tattattcta taggcatttt 60
 tctaaccac tccaaatcca ttttgcatg aggtacggat ataaatacaa aggtaaacaa 120
 tgtaattgta ttacttgtgt atgcatgtat gttcttgcag gtgtgtattg agaggaatgt 180
 ttgtctgact acctccatgt gccagtctga tcttctggag agaaaattgc tgggaggctg 240
 tgacatgaac cagtgtggag gcaaatat gacaagactg agaactggca tgaagagaaa 300
 tccatgagat ggacaagcca cctttttaag t 331

<210> 1670
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 1670
 ggagcgtttg aacacaccac ggaaatgatg ccttgcctta agcccttggt ttgggaagga 60
 tgagatccta ttgttttttg tgtccctct attatctttt gaacatgggt taactacatc 120
 tacggcattt ataacatgtg gcaagcataa gctcttgagt ctgatgtttc tgatgccatc 180
 tactcttact gcctttggca cctcccagct actgacttcc tcttgettcc ccttggatcc 240
 agatacgtgg ctgggaagag cccctggcct ttgtagccag aggaggtggt gaccatgggc 300
 aacaggccac tgtgctcctg gatgcgtn 328

<210> 1671
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 1671
 cggttgctgtc gaaaaatgta aaggagctca gccttttttt catacaatat ttgttcatat 60
 cattaactcc ctcatattta tgtacataaa ttattggtgt taatgatatg aacaaatatt 120
 gtatgaaaaa aagcgaaaat gcaaagtgtc aattcttggg caggggtggga gaaggcaaatt 180
 caccacaataa aggataaccc tttaacattt tatctaagaa aaaagaagga agagaaaaat 240
 atttaccatc tcagattaga agacaatata aatatataca tctatgttaa tacttttgaa 300
 aataccagca aaatagaaac atatgttttc ctccagaaaa atagaaaacc ttggaaatta 360
 gtaaccatgt ttccatgggt atta 384

<210> 1672
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1672
 tgggtacgtac ctgtagtccc agctactcag gaggtgagg tgggagaatt gcttgagcct 60
 aagaggtcga ggctgcagtg aggtgtggtc gcagcctggg taacagagtg agatcctgtt 120
 tgaaaaaaaa agagcaaagg gcaaaaaact aagagttgca tatgaaagaa ataccaatga 180
 ataccacgga aaagatgttc aattccattc ataagatgag atatacacat ttgggtttata 240
 aaaagatagt ggtcttcacc taaaaaaaaa tagcaaaagt taaaagtctc agtatatact 300
 atatttgttg aagctgcttc agggaaagaa tccagccttg atggtaga 348

<210> 1673
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 1673
 tacggctgcc atatgacgac agaaaggagg aggaagctgt ttgtattcct tgggctcggg 60
 tggctcatag tggcgcgttt ttccgcgctc ttttctctgt gtaccagatc gggataggtc 120
 tctcttggg 129

<210> 1674
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (427)
 <223> n = A,T,C or G

<400> 1674
 acacagctct tgtctttttg cggannnnntt gttctaattc ggcacgagcc cacctttgcc 60
 aaggtccagc ggggcgtcca ggacatgatg cgtaggcgtt ttgaggagcg caatgttggc 120
 cagatcaaaa ccgtgtaccc ggcttccctac cgcttccgcc aggagcgcag tgtccccacc 180
 ttcaaggatg gcgccaggag gtcagattac cagctcacca tcgagccact gctggagcag 240
 gaggtgacg agcagcggc ccagctcacg ggctcgcgcc tcctgcagcg acggcagatc 300
 ttcagccaga agctgggtga gcacgtcaag gagcaccaca aggccttcct ggctccctg 360
 agccccgcca tgggtggggc ggaggaccag ctgaccgcgt ggcacccgcg cttcaacgtg 420
 gatgaag 427

<210> 1675

<211> 255

<212> DNA

<213> Homo sapiens

<400> 1675

tgtcacctta	ttcacacatc	cagacacgtg	atgtctgcta	cacataccta	ccatttttaac	60
attcatgctt	acacacacat	tcacatgcat	acagagagaa	aggagctctc	tctctttcat	120
gggttttctca	ttgagaatca	tgatgatatc	agcacaggtc	tttgaggagaa	aggaaattta	180
cattctatat	ctggaacctc	aagaatgttc	cagccgtgtg	tggtggctca	caccactggg	240
tgtggtggga	ggcca					255

<210> 1676

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1676

gagtttgcag	agacaggaag	agagcagtct	gggaggaggg	aacagggtga	gcaaaagcag	60
actatggaag	gcagagggcat	aagacagtgc	aataagttgt	acaagggaag	atgaggttga	120
cacctgacca	ctgaatgtca	ggttgaaaag	gccaacatt	caccacacc	caccatttc	180
caaaacacac	atgcacgcac	acacatgtgc	aaagaattcc	agcctcatga	aagagtggag	240
caggttcagt	ctcaccatag	atcaatttca	tgagatgtg	tccagccatg	tgtacatctt	300
ctcccattga	agaggctatg	gaggtaagaa	cctatatcca	taagccatgg		350

<210> 1677

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1677

cggtgtgtgc	gctgaggtgc	acagagccca	aaggcagaga	gaggggctga	aggatagaca	60
ggtgtgtagc	atgggctagg	tttacgggtga	gtgcttacta	aatgctgtgg	aatgattgca	120
tgagttccag	aaggacccag	actggtgaga	cagagaatgc	agaattggct	acactgggaa	180
ggagactcca	cctgacacag	caggagaagg	ataagcagat	gtatagtgtc	tgggcagggc	240
caggcaaagg	ggagattttgc	tcagaaaatg	ttgaatgaat	gaatgcacaa	atgcatggga	300
aggcaaaggt	aagcatgaga	gagccacaga	gatgaaacaa	acaaacaaaa	aagacagaaa	360
tagggaatta	aatagggcca	ggcacggt				388

<210> 1678

<211> 368

<212> DNA

<213> Homo sapiens

<400> 1678

ggctgtacaa	agagacagag	gctgttagct	atgggtgaag	acagtggcaa	aaaaaaaaag	60
ggggaaaaat	ttttaaagtt	ttgtccaagg	gttcccttaa	aaggggttgg	gaaacctcgg	120
gaataacccc	cttgttaaaa	accacggggg	ttggacaaac	ttttttccaa	cccttagtcc	180
ttattccggt	taaaaggcca	cccggggtaa	aaaaagccac	ccccaaaaaa	aaaccggtaa	240
aatggtggaa	accccgggca	aaaaaggttt	ttcagggggt	tttaattttt	tggaacaaac	300
acaatttttg	ccctttgagg	gagaggaaaa	aaaaaaattt	tttttggtcc	ccattgtgga	360
aacgggggc						368

<210> 1679

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1679

gagagcatta	acccannngt	tttgnagagg	aaccatcg	ttcgaattcc	gttgctgtcg	60
ccaatgtgcc	cttctctggt	gccctggcgc	tcttgagctc	cgtcctgggg	ggccttgtcc	120
tggtcccccg	cctcctgcag	gggcccgtgg	cgctgaggaa	catcactgac	accggcttca	180
agctgctgct	gctgggtctg	gtcaccctca	acttcgtggg	ggccttcatg	ctggagagcg	240
tgctagacca	gtgcctcccc	gcctgcctgc	gccgcctccg	gccaagcg	gcctccaaga	300
agcgcttcaa	gcagctggaa	cgagagctgg	ccgagcagcc	ctggccaccg	ctgcccgccg	360
gccccctgag	gtagtgcagg	cccacgggca	ccccagacac	tggaactccc	tgctctgag	420
ccaccaact						429

<210> 1680

<211> 411

<212> DNA

<213> Homo sapiens

<400> 1680

ctcactcccc	ggcagcttag	agcaaggggg	gagctgaact	tccaacaaga	tgagctgggt	60
gacggaggcc	agcggggcca	catgcacaac	ggccttaact	accgtgaggt	ccgcgagttc	120
cgctccgacc	accatctggt	acgtttttac	ttcctcacc	gcgtgtactc	cgattacctc	180
cagaccatct	tgaagagct	gcagtggggc	gagcacgccc	ccgacctggt	catcatgaat	240
tcctgcctct	gggacatctc	caggtatggt	ccgaactcct	ggagaagcta	cctggagaac	300
ctggagaacc	tggtccagtg	cctggggccag	gtgctgccc	agtcttgct	cctgggtgtg	360
aacacggcca	tgctgtgtgg	cgaggaagtc	accgggggtt	ttcttccgcc	c	411

<210> 1681

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1681

ggcacgagga	ccgaccagga	ggtcctctgt	tgagctgggt	cgggcgaagc	tgccggctgt	60
ggggggccct	atggagcgct	tcgggtgtgt	gtggacgctg	ctgggtgtcc	gctggttcat	120
ctgcctgttt	gtggacatct	tgcccgtgga	gacagtgtct	cggatctggg	actgtttgtt	180
taacgaaggc	tcaagatta	tcttccgggt	ggccctgacc	ttaattaagc	agcaccagga	240
gttgattttg	gaagccacca	gcgttccaga	catttgcgat	aagtttaagc	agataaccaa	300
agggagtttc	gtgatggagt	gtcacacgtt	tatgcagaaa	atattttcag	aacctggaag	360
cttatccatg	gccaccggcg	ccaagctccg	caagagctgc	agggg		405

<210> 1682

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1682

cgttgtgtgc	ggtttgaacc	cggtgaggcc	catgtgggca	ggccgtgggt	aggcaggggg	60
caccgcgggg	cctggcatat	cccagcagcc	tggctctgtc	tcgagcaggg	gacaagacgt	120
tcgaggagta	cctggatgag	tattaccggc	tggactacga	ggacatcatc	gacgacctgc	180
cctgtcgctt	caagtaccgc	acagtgggtg	cctgtgactt	tggcctcagc	actgaggaga	240
tcctcgctgc	tgacgataag	gagctgaacc	ggtgggtgct	cctaaagaag	acctgcatgt	300
acaggtcaga	gcaggaggag	ctgcgggaca	agcgggcgta	cagccagaag	gcccagaact	360

catggaaaaa gcggcagggtc ttc

383

<210> 1683

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1683

cgttgctgtc	ggcgtagatg	tttccaccca	ctattctaac	agctctatct	atgaatatat	60
tgtacggcgg	ggggccctgg	atttctcttt	ctttgatttg	atccgctact	gtgtcagcgt	120
ttgcaatcag	attgcatctc	acctgcacat	acatgtcttc	agaatcaagg	tctctacagc	180
tcattctaata	catcattaat	gatgtaattg	gtatatagga	acatcatgtt	ttctgcagga	240
aagaaagtaa	catattaagg	agaatggggg	tggataagaa	caaataataat	ttataataat	300
caatgctgga	taacttttat	tctttattat	tggtaacacg	ccctaactat	cctgtgtgag	360
aatgggaatt	tcaagtccca	tcttgcaaat	tggatatgtt	gtcatgcacg	gtttgagcn	419

<210> 1684

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1684

tgggattaga	ggcgtgtgcc	accatgcctg	gctaattttt	gcatttttag	tagagacagg	60
atttcatcat	gtttgctagg	ctgggtctca	actcctgccc	tcaggtgatc	catctaccat	120
ggcctcccag	agtgttggga	ttacaggtgt	gagacaccgc	acctggataa	cagtctgttg	180
ttgatcacca	gtttttatat	aatttttctt	ttgaacacaa	gtatattata	aaaatacttg	240
aaaggagtat	tcaaaaattg	attttgaata	ccgggttaaa	gattcaggta	tggtcgtttt	300
cctacttcga	aatgcagagg	aggg				324

<210> 1685

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1685

attgtttttc	ttccagtttt	tctttttcca	aaaaagggat	tcaagctggc	ctgcaaactc	60
aaatggcctg	tacatagttg	agattaaggc	aaatacacaa	gattgtatcc	tgtttttttc	120
agctacatta	tacacaagta	tcttcccttg	tgataatgta	gtttttataa	atataagttt	180
ttaataacta	atatttcatt	atgtgatata	tcatgattta	ttattttaaa	ccatttctgg	240
attgtcttgg	tttcaacttg	ggaaggggtc	acaaaattct	ttaacaaaga	tctggatgcg	300
gcagactcag	tggcttacgc	ct				322

<210> 1686

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1686

tccctacata	attgtgactt	agaattatct	agaagagaaa	tattatttat	gagaagaaaa	60
aataattaa	gtcataatct	ttaaagctta	aatttttaaa	agacaaagtt	taacagcaac	120
cattgagggt	gaattattta	ttgttttgct	ctcttaacat	acctttgggg	aatacaaatt	180
aaaataacaa	gaactattta	atttattgct	tatctgactg	gcaaggataa	aatgaatgt	240

taacatttat	cagcaagcat	gtgagaaagt	aggctttctc	atgcactact	tatgtgaatt	300
aaaattggta	aaagttttc					319

<210> 1687
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 1687						
ggcacgaggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	agaagaaaga	60
ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	agcgggcaca	120
ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	aggaccgcgg	180
gcggccctac	acactgagcg	tagccctgcc	gggctccatc	ctggacaatg	ctcagtcgcc	240
ggagcttcgc	acctacttgg	ccggtcagat	tgccagagcc	tgtgccatct	tctgtgtgga	300
tgagatcgtg	gtgtttgatg	aggagggcca	ggatgccaaag	actgtggagg	gggaattcag	360
aggagttggg	aagaaggggc	aggcgtgcgt	acagctggcc	cggatcctgc	agtacctgga	420
gn						422

<210> 1688
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1688						
cgttgctgtc	gggctggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc	60
cacagtgtctg	ggattacagg	tatgagccac	cacgcccggc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaacgggg	ttttgtccct	tggccaaaat	gggagggcgg	gggttgata	180
aaagtttaatt	gggcccgga	atcttttggc	ctaaccctcc	aaagtgggtg	aaactacggg	240
tggccccatt	agccccggct	agtttttcaa	tttttgga	aaagacgggt	tttttttttt	300
tgaaaagggg	tttttttttt	gccccaaaag	tgggggggga	agccgggggt	aaccctattg	360
gaagcccccg	ccg					373

<210> 1689
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1689						
cattggtagg	aggttatgct	tttttctggt	ttttgtttta	ctttcaacct	aggttataag	60
actgttattc	tatagctcca	acttaagggtg	cctttttaat	tccctacagt	tttatgggtg	120
ttatcagtgc	tggagaatca	tgtagttaat	cccattgctc	ttacaagtgt	cagcttactt	180
gtatcagcct	ccctacgcaa	ggacctatgc	actggagccg	taggaggtc	ttcagttggg	240
ccccaggat	aaggctactg	atttgatact	aaatgaatca	gcagtggatg	tagggattag	300
ctgattttta	aacaactcgg	ctgggcacag	tggctcacac	ctg		343

<210> 1690
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 1690						
ggcacgagga	gagtatggaa	cccttcccct	tcgtctcag	ccggaggcca	gctgcgtcca	60

gccgggctcg	gtcttctgaa	caccgatttc	aaatcaggtc	cccggggccc	agcgtcactt	120
aggggaagtgg	tggcattttg	tggttgctgc	taaatcacgg	agagcagcct	tggcgctgcc	180
ggtcccaact	tgatccaagg	agccttgaga	aggagatgag	attcagtacc	aggggccggc	240
cgtggctccc	atcctccgga	atctgcaaaa	tggctacttc	ttcagaaaata	atgggggagag	300
ggatggcaag	aggccagaga	tcaaggccct	cgagtattaa	cttgagcatt	tgggcacaaa	360
atagacactt	ttggattttc	ccgtcttttc	caacaccaag	gatgag		406

<210> 1691
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 1691						
cagaagttta	atTTTTtata	atgatggatg	aagacagtaa	tatctacctt	gagtggcttg	60
tcataagtat	taaataataa	aaactagcat	taaaaatata	tagcatacct	agatatatgt	120
tatatgttat	agttatatgt	ttaaaaattt	gtgtttattt	catgccttat	ttatctttta	180
gaaactttat	agcctgatcg	gtgctgattc	tttttccaaa	aagtcacgta	aaatTTttatc	240
aggacaatgt	tttctgtaac	aaccattatt	tcttTgtctt	ctgccataag	tggagaaaaa	300
agatgtgaag	gatcttgagt	tttcatactt	tctaaatggg	ctaagagtac	agatgtcaga	360
agn						363

<210> 1692
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1692						
cgttgctgtc	ggttcgctgg	gaggatgga	tttcatttcc	attactaatg	cctgcaattg	60
ctgataaatag	acgtgccccca	ggaatcgctg	catgggaaat	ggagcaaggg	tctccttctg	120
tggcccagtc	tggaaatgta	gtggtgcaat	ctcgactcac	tgcaacctcc	gcctcccgga	180
ttcaagagat	tctcctgcct	cagcctccca	agtaactggg	attacacgta	cgcaccacca	240
tgcccggcaa	atttttTgtat	tttttagtaga	gataggggtt	caacatattg	gccaggetgg	300
tctcaaaactc	gtgacctcaa	gtcatctgcc	cgctcagcc	tcccaaaatg	ctgggattat	360
aggcgtgaac	catcacaccg	ggccattcca	atcactcttc	atttctctg		408

<210> 1693
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 1693						
tagacaattc	nmttttTgtga	aaatannacg	gccctcgaat	tgggcacgag	ggcacttctg	60
ccgctgcgcc	tgtttctgca	ccgataactt	gtacgtggcg	cgctatgtgc	tgacgtgccc	120
cttccgaggc	gagcaccagc	tgcgccggga	ctacggcccc	atcctgcgca	gccgaggctg	180
tgtttagcgcc	aaggacttcc	agcagctgtt	agcagagctt	gagcaggagg	tggagcggcg	240
gcagcggctg	gggcaggagt	catcagctag	gaaagccctc	atcgcgagtt	cctaccaccc	300
ggcacggcct	gaggtctacg	actcactgca	ggatgcagct	ctggcccccg	agttcctggc	360

cgtagctgag tacagcgtgt cccagacgc agacctcaag ggccttctcc agcggctgga 420
gacagtatcg gaggaaaagc gcc 443

<210> 1694

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1694

ctatgttgga	attatttggg	aaactatctg	aggctcatat	aatttagtat	ctttcattat	60
aagattattc	ttatatccat	ttctataagt	ttatatctta	atttatgtta	tattccagg	120
agatgctgtt	ttttttaaat	gaatttgctc	tttgcattha	aatattttaa	tatatcgga	180
aatagttgtg	atcggaatcc	ttatcttcat	ttttacaacc	tcattcttat	cctacatggc	240
ggaccagccc	ttcttacaag	gaagtcgggt	ttttggcggt	taaagtcaca	aagatctact	300
gcgcaatcag	cgcggggtcg	atagccctc	actttctaca	tttttcaata	caacaactcc	360
gtcgggggtca	tttg					374

<210> 1695

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1695

cctgtctctg	ctaaaaatac	aaaaattagc	tgggcatggg	ggcatgcac	tgtagtccca	60
gctactcagg	aggctgaagc	aggacaatca	cttgaaccca	ggaggtggag	gttggagtga	120
gccgagattg	cacaccacta	tactccagcc	tggcgacaga	gcgagactcc	gtctcaaaaa	180
aaaaatcact	ctgtcaacag	caacaatata	ctttcttctc	aatgttcatt	acaagctttg	240
tgctgggcca	caaaacaagt	ctcagtaaat	gagatagaat	taaaatcacg	cagagggtat	300
tctctgtccg	cagtggaaat	taggactcgg	taagatatct	ggagaaaatg	ctggccaggc	360
acggtggctc	acgcctgtaa	tcccagcag				389

<210> 1696

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1696

tacggttgcg	agatgacgac	agacgggact	gtgcacatgg	acacaagtga	tcctcagtcc	60
ttactccaaa	cccacatctt	tgagagacag	gccacgtggg	agtgtgtggg	ctcgatcacg	120
gctcactgca	gcttcaaact	ccgcctcggc	ctccataatt	gctgggatta	caggagcgtg	180
ccagtgtgtc	tggccttaac	ttgcattttt	acataagact	tctaaaaaaaa	aaggagaaaa	240
tcttcacaat	cctgggatag	acatggaatt	cttaggacat	ggaaagtaat	agaatttcaa	300
aattctgctt	cctgaaagac	actgttaaga	aagtgaggag	gcaaggcaca	gactaagaaa	360
atattcacat	cacacacata	tttatt				386

<210> 1697

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = A,T,C or G

<400> 1697

ccaccacgcc	cgctaattat	gtattttag	cacagaccta	ggctctgtcaa	gttgggcgaa	60
------------	------------	-----------	------------	-------------	------------	----

atagaaccct	cctttccttg	ttcccactct	tgattctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	nggtgggtgg	gaccaggggc	300
aacaagccac	tgtgctcctg	gatgcgtggg	ctggcaaata	tctctcccat	tcgcctttg	359

<210> 1698
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 1698						60
cggtgctgtc	gaaagcgtta	gtgaaatatg	aagtgatgag	gaatctgaaa	atgaaattac	120
aagtgttggt	agagcttcag	gtgatgacga	tggaaagtga	gatgatgaag	aggaggatga	180
agatgaagag	gaggatgaag	atgaggatag	tgaggatgat	gataaaaagt	acagtggccc	240
tgatcttgca	aggggtaaaag	gaaatataga	aactagttct	gaagatgaag	atgatacggc	300
agatttggtt	ccagaagaat	ctgggttttga	gcatgcttgg	agagaattag	ataaagatgc	360
tcctcggtgct	gatgagatta	cacgtcgatt	agcagtttgt	aacatggact	gggatagatt	399
aaaggcaaaa	gatttgctgg	ctctgttcaa	ttcatttaa			

<210> 1699
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1699						60
cggtgctgtc	gctgcctccc	tctgggacta	agtgcctgga	gagcctcctg	ggctcagtgc	120
ccccgccctg	ccctggcctc	cacagccttc	gggagctccc	agaccagtg	ctgagtgagg	180
aggtggtgga	gggcattgct	gctggcattg	aggcagccct	ctgggacctg	acacaaggca	240
ccaatggccg	agacaagacc	aagtatcgca	gcctgctggt	caacctgcgg	gaccccagga	300
acctggactt	gtttctcaaa	gtggttcatg	gagatgtcac	cccctacgac	ctggtgcgga	360
tgagctcgat	gcagctggcc	ccccaggagc	tggcccgtct	gcgggaccag	gaggagaaaa	388
ggggaccgca	gatgttcatg	gactgcag				

<210> 1700
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 1700						60
cccacgatt	cgaattccgt	tgctgtcgga	aggccgtggg	gcagcgcgtc	acccggggcca	120
gcgtcacagt	tggaggagag	cagattagt	ccattggaag	gggcatatgt	gtgttgctgg	180
gtatttccct	ggaggatacg	cagaaggaaac	tggaaacacat	gggccgaaaag	attctaaacc	240
tgctgtgatt	tgaggatgag	agtgggaagc	actggtcgaa	gagtgtgatg	gacaaacagt	300
acgagattct	gtgtgtcagc	cagtttacct	tccagtgtgt	cctgaaggga	aacaagcctg	360
atttccacct	agcaatgcc	acggagcagg	cagagggctt	ctacaacagc	ttcctggagc	406
agctgcgtaa	aacatacagg	ccggagctta	tcaaagatgg	caagtn		

<210> 1701
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1701
 tatattaacc gactaaaaga ggaaaataac accatgggca ttcctccctt ttgcctggaa 60
 ccatgttgac taaaatgtgt gcctattata agccaattgt gtcctcactt ggcgtgggtt 120
 caaggtaaca aagatttgat cttatttaat ctcttctcac atgtggtaga cagaattcct 180
 aggtgaccca catggcctttt gttccctggg gttactcgca tggatcatgtt atgttgcagg 240
 acaaagata ttatgcagat gtaattaaaa tgacttacta atcagttgac cttaggagag 300
 attatctaga tggatctaac gttatctcac gactacttta aaaacag 347

<210> 1702

<211> 327

<212> DNA

<213> Homo sapiens

<400> 1702
 cgacagaagg aggggttggt cccacctttg actgatgggg aaagtgacgt ttgaagcggg 60
 ttatgcaagg tcctatagct caggattcaa acccaggctc tcttgcttta aagcccacct 120
 gggtctttta tactacacca aagcctcctg ttatctcgtt tgccttgaa cccccacag 180
 agaagctgga aaaataaaaa aaacaaggac gacacacaag cagaaagtga tgacctgctg 240
 tttgtagttg atcaaatgcc atcgatgctg cttatgtgac gtgggtgtcca tgcaccatcc 300
 atttttattt ttcaggctct agttacg 327

<210> 1703

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1703
 attgcactga ttcattgtga tgggtccctt agtcatgcac catgcggcct ctgagaaaag 60
 cacaatattg aactctatcc tagcctccca gagattttta acctctactt cttccaagaa 120
 tttttgttcc tggacttaga agtcagggca gaggcaagcc aggaaaggca gcaaaccagt 180
 ttaacttcct cctctctctc gttgccttat atcttctttt gcccctttgc tctctgcccc 240
 aatcctcaca atagttaaca gctactttac ccaaatatca aactagccag agaagctact 300
 gaacatgatc atttaaaaaa aaaaaaaa 329

<210> 1704

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1704
 caacctgtag tatgggaaaa atatttgcaa accatacgta tgataaaggg ttaatatcca 60
 aaatatgtca ggaactcaca gagctcaatg acaaaaaaaaa aaaaaaaaaa agggaaaacc 120
 cttttttaaa aagggaacaaa ggggttgaaa aaattttttt ccaaaaaaaaa acaaaaaagg 180
 gttaaggggc ttttggaagg ggtttccccc tttataattt ttaaaaaaat ccaaattaaa 240
 aaaaaaacgg gggccccccc tccttcaatt aaaagggggt tttgcctta aaaaccccaa 300
 aaacaaccgg gggggggggt ttggaaaaag 330

<210> 1705

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1705
 ttatggcttg aagtttcatt tgcctttttc ttctctatta tctaccacaa atctttaata 60
 atttggttgg aatctggata ttagctttct ttagaaaaata ttttatattc cttaaattct 120
 ttttaacatg ataaataata aacataaata ggaataaaga ggaatgaatt tagttcctgg 180

ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaaactaaag	acactcaaat	gatgtttcaa	aggttgttga	aaaaaactga	taaatttacc	300
tagaaaaaaa	gttttgagat	aaagttaatg	gcgttgaaga	tgacctactg	g	351

<210> 1706

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1706

ttatggcttg	aaggggcatt	tgcccttttc	ttctctatta	tctaccacaa	atctttaata	60
atttggttgt	aatctggata	ttagctttct	ttagaaaata	ttttatattc	cttaaattctt	120
ttttaacatg	ataaataata	aacataaata	ggaataaaga	ggaatgaatt	tagttcctgg	180
ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaaactaaag	acactcaaat	gatgtttcaa	aggttgttga	aaaaaactga	tttaacttacc	300
tagaaaaaac	gatatgagat	aacaggagtg	gcggttgtca	tcacct		346

<210> 1707

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1707

aagctattag	gaatcagtta	aatgttttgg	gattttgtct	gagaatgggc	taaaggagaa	60
tgtccctttt	gccttctgaa	gtttccctga	aaatcactaa	taggaggcag	ataaatagta	120
gaaaaggcat	aaagggttct	gcaatgtgtg	tacactggag	cccttagaac	gaagaccag	180
acacacgatg	cgtgcagaag	cttatctacc	acatgaagtt	tacagaaaga	atgggggtctt	240
ggatcacagg	aaaaaaaaaa	aggttatgtg	agaaaacgac	cctggctagc	aacagg	296

<210> 1708

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1708

aaacagcaaa	tatataaaac	atacaatata	aacaacattg	atgatatatg	tatattatct	60
acataatacc	cacaaaatag	aaaaagaaaa	tttcagtaca	caggaacaat	attgttcaca	120
aagtagtttt	caataaactt	taaagaaatt	atattatata	aaacacgttc	tttgataaca	180
attataaatt	atgaataaaa	atatagtaaa	atataatata	gaaactaaaa	ctcctaaata	240
atccttgaat	caaagaggaa	atagaaatgg	aaattacaaa	attttttagaa	tgaaattttt	300
atgtactata	taaaaaatgt	gtgtaataaa	gccaatgtac	attcatagac	c	351

<210> 1709

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 1709

ggctgcatga	gctgttggca	ttcctaacc	ctgtgctgtt	caaggttcaa	ctgtactgga	60
ttttcttgaa	aattcagaag	tgctggaaac	cctgggcccg	gattttctatg	tgacagcaat	120
tttggggctg	agtggcttca	tttagatggg	gcatgtgctc	cccatattct	gctctcccct	180
taacactgag	gttgatgata	gtgacctcaa	catcaatgag	gtagtgctgt	ttccatgtca	240

tagaattaag	aggaggttga	agnatttccc	cttctcactt	tcagcataac	tggaacaatg	300
gaacatcccc	ttagggcacc	atattttaag	caagaaagga	agagggcatc	ttt	353

<210> 1710
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 1710						60
aggtttttcca	taaacctaga	aatatgactg	aagaaaaata	ttccaaataa	cgattagggg	
tggcattttta	gcttagtgag	atcataagca	tattttattta	tacttagaca	taaagccagc	120
aaataagatg	gggaaaggaa	agaaggaata	aaggaggaca	gagaacaatg	aaggatgagt	180
cagctagtgtt	tttaaaaaga	aaagaacaga	atgacgaaga	aaaaggagca	gaaagaaaga	240
caaccaaaatg	gggagaaagg	gaaacaaaagc	tactagaaac	tatgaatgta	tcacttgcct	300
accatgaacc	tataattgtg	cttaatttgg	agacaaatcc	aagaaagggt	acan	354

<210> 1711
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1711						60
gagcaggggt	taggcctggt	gatgcccttc	tagtgaataa	aatatggcca	cagtgatggg	
atgtcacttc	tgaggctggg	gcacatgaaa	caccccactt	ccctcttgct	gatgctctct	120
catgctctca	cttactgtaa	gagaagccag	ctgccccatg	gagagacatt	catggcaaag	180
aactggagct	ggcctctggc	caacagccca	agaggatgga	atcctgccaa	cagccctgtg	240
agtgaagctt	gaggtggatc	attcccatgc	cgacctttat	gtgactgcag	ctctgggtca	300
caccttgact	gcagccttgg	taggaaaccc	tgatcct			337

<210> 1712
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1712						60
agccagcacg	ggcagaagct	tgaaagcccc	caagtcaccc	ctggggccagc	agcagccacc	
cagggcagga	gggcagggtc	acagccaggg	tcagcgggtc	agcaactcac	cctggcctgc	120
agcctaccca	gcacggacca	tgtgcccagt	agcagagcta	gaggaacaag	cagaaaaatg	180
gccgggcccc	aaccagaggt	cagaggggaag	ggcaggagcc	gctgctgacc	tcggggggaca	240
cgggtggctg	acctcggggg	acgcgggcac	acgctgtggg	gcttcgtgtc	aggcaccat	300
ggggcctggg	gtctgctctg	tgcaacagat	actgtcgggc	tgcccatggg		350

<210> 1713
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1713						60
gaccaccgcc	gccgaggagt	caggaagttc	aagatggccg	ccgcggagac	ccagtcgcta	
cgggagcagc	cagagatgga	agatgcta	tctgaaaaga	gtataaatga	agaaaatgga	120
gaagtatcag	aagaccagtc	tcaaaaataag	cacagtcgtc	acaaaaaaaa	gaagcataaa	180
cacagaagta	aacataagaa	acataaacat	tcctcagaag	aagacaagga	taaaaaacat	240

aaacataagc ataaacataa gaaacacaaa agaaaagagg ttattgatgc ttctgataaa	300
gagggtatgt ctccagcaaa aagaa	325

<210> 1714
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1714	
cgttgctgctc ggaaggccgt ggtgcagcgc gtcacccggg ccagcgtcac agttggagga	60
gagcagatta gtgccattgg aaggggcata tgtgtgttgc tgggtatttc cctggaggat	120
acgcacaagg aactggaaca catggtccga aagattctaa acctgcgtgt atttgaggat	180
gagagtggga agcactggtc gaagagtgtg atggacaaac agtacgagat tctgtgtgtc	240
agccagttta ccctccagtg tgcctgaag ggaaacaagc ctgatttcca cctagcaatg	300
cccacggagc aggcagaggg cttctacaac agcttcctgg agcagctgcg taaaacatac	360
aggccggagc ttatcanaga tggg	384

<210> 1715
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 1715	
gtggatcaaa gatttaaata taaaatgaca aaacttctag gagaaaacat acaagaaaat	60
cccgatggca ctggcagata tctcttagat gacagcaaaa gcacaattta ttaaagaaca	120
aat	123

<210> 1716
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 1716	
cagtatcgat cccattaacc aaatctagcg aacattattg agcaatgact atgtaccagg	60
ctctgtgtta ggtgctgcca catatctgat gagtactact attactacta ttcatactac	120
cattacgaag aataacatct aacattttat taaatcctca ctggtagtga cagaaaccag	180
gctaagtgtc ttacatacaa tgtaagtttt cagcaccaca aacctattaa catggcttat	240
gggtgaggcc tacctaatat gatatcgaaa cgaaacagat caacaaacaa agcatctaga	300
attgtccact gttgccttat tcaccatgag ggcattcttag agctagaag	349

<210> 1717
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 1717	
gatgcgtgtg agctgacgcc atttttttta ggactgggtc acactctggc acgcaaacta	60

tgaggcggtg	tcactatcat	ggttccactgc	atcctcatta	taccatgagc	atgcagccct	120
cccccttctc	tggcgccaca	ggcgcatact	accatgctca	gctaagtttc	taaaagctat	180
tgtgtaaaaa	caggatgtcc	ctatggtgcc	caggctggtc	tcagactcct	gggttcaagt	240
gatcagcctc	ccaaagagat	gggattattg	ttgtgagcca	ctatgccag	gtaattgcat	300
ctgctttaga	gagaagagga	caaacagata	gatacactan			340

<210> 1718
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1718						
tcactcctgc	ccctctcctc	caggcaatca	aactttgggt	tctgtcacta	tagattcgtc	60
tgcatttttg	ggatatgtag	atatattctg	aaatactgta	tattctgaaa	atacactata	120
tgattctgaa	gtcatacagt	atattctttt	tttggctcgg	catcttttac	tcagcataat	180
tatttttagat	tcattccagg	tgtacccttat	tgatagttca	ttcattttat	tgtcgagtag	240
tagtccattg	tacagataca	ctacaatctg	ttcatccatt	catctgttgg	ttaacattta	300
ggttgggtga	tatatttttg	ctatg				325

<210> 1719
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1719						
caaccacat	atttattgcc	attaaaagta	tagataaaa	caatttgaca	tcaaaagtat	60
ccaacattgc	acaagtaact	ttgtttatcc	ctcaagcaaa	tcctgatgac	attgatccta	120
cacctactcc	tactcctact	cctactcctg	ataaaaagtca	taattctgga	gttaatat	180
ctacgctggg	attgtctgtg	attgggtcgt	ttgttaattgt	taactttatt	ttaagtacca	240
ccatttgaac	cttaacgaag	aaaaaaatct	tcaagtacac	ctagaagaga	gttttaaaaa	300
accaaacaat	gtaagtaaag	gatatttttg	aatcttaaga	ttcattccat	gtggg	355

<210> 1720
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (331)
 <223> n = A,T,C or G

<400> 1720						
aatcccaact	acttgggagg	ctgaggcata	agaatcgctt	gatcccgga	agtggaggtt	60
gcagtcaccc	caacncatac	catttccttc	taaatcttac	atacttcata	gaccttcctt	120
aaatctctca	ctacattctc	tttattttacc	ccaatactca	tatctcttga	ccgactgtaa	180
tctttatttc	ccctttttca	ctaagtccct	aaccactcc	ccttacctct	atctacacct	240
tgccccctca	aaacaaaaca	aaaccctatt	tatgtgtgga	aatttattct	aatacttggg	300
acctgggttt	aaaccgaatt	tggtcttctt	g			331

<210> 1721
 <211> 233
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(233)
 <223> n = A,T,C or G

<400> 1721
 tgaataacag aacttacttc ataggggttg tataagaatt gaatgaaaag tgcacagcat 60
 gacaaatagt aaacactcag taaatgttag ctattactat tactagtctg acttaaactg 120
 ttatcatcac atttgatgtg ataaagaaca caagggtttc taaatagact cccatgggag 180
 ctgggagggg agggtagtag atgagaatct gcttatttgc tggaattttc tcn 233

<210> 1722
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 1722
 tgaataacag aacttacttc ataggggttg tataagaatt gaatgaaaag tgcacagcat 60
 gacaaatagt aaacactcag taaatgttag ctattactat tactagtctg acttaaactg 120
 ttatcatcac atttgatgtg ataaagaaca caagggtttc taaatagact cccatgggag 180
 ctgggagggg aggggtgtac atgg 204

<210> 1723
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1723
 gagatctcag ctctctgcag cctccacctc ccagggtgcaa gtgattctac tgcctcagcc 60
 tttggagtcg ctaggattac aggcgccccg caccacacct ggctaatttt tgtattttta 120
 gtagagaaga gcagggatca tgatgggcta gatatgctgg acttacgagc ctgctgtcta 180
 aggcctttctt aatgctacca ttacaggggt gagccactgt atatggacgg ttgattgcgg 240
 agtaaaataa cgtatgcttg ataagaataa gatatacaac ggagataaca cctacttgat 300
 ccgttcttgc ccacctctaa ggagctatat tgaaccac 338

<210> 1724
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1724
 cggggacgtg tggggactta cgactgtag accgccccga aaaaagggtt ttacttgcca 60
 attatgagat gctattactt aaaccgtccc caccatcatc tgcaataaat gtctttacta 120
 caactacagc attcattcta tcgttcaggc tcacatctat agatgcgcaa tgctctgaag 180
 gctgaggcag gagaattgct tgagcccagg aggcagaggt tgcagtgtgc cgagatcatt 240
 ccattgctgc ccagctctggc gacagaacaa gactctgtct cttaaaaaga aaaagaaagc 300
 aaaagtggg gggcttattt tataag 326

<210> 1725
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1725
 gttctgtcat cagtacttat taagggtgtc tgatgtagta agcaagatag tttttacagt 60
 cctaggctta ttacaagttt agtaacccca gtggactgag aaaatctttc tcaatagctc 120
 tggcaaaaaa ttctctctggg aaaatatgac tgatgggaggt ttggatcatt tgcccattct 180
 tgaaccaatc attgtatagt tagccctctg tatataagggt ttccgcactc gtgtattcca 240
 ccaatcgctg ttgaacaaaa ttttggaata cgctgggctg ggtggagcat ccccccttct 300

<210> 1726
 <211> 303
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 1726	
ttcgcatTTTT cctgttaact aataatgctg agcatctttg catgtggcta ttggctatTTT	60
gtatatattc tttggTTaaa gtctgtTTaa ttcatttgct tctctcactt tataaaattg	120
ggctatTTTat cttctaatta ttgaatcata agatttcttt atatatgatg ctctataaaa	180
gtatcttgTc acatatatat atcgntatTTT ttctcctagt ttgtgacctg cctttttata	240
ttattaatag tatcctttgg ggagcaaaca ttttaaattt tgatagtcta atttatcatt	300
ttt	303

<210> 1727
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1727	
atatagaatt tcaatacatt tactcaaaat gtggagtaag atagagttca agatcttaga	60
ttctagaaac tatatagcag gaatatgacc ataggctact tcctaacagc tgtgtgattt	120
gggtataata acttaatctc tttaagcctc atttctcctt ctgaaaaact gaagaaataa	180
cacctactcg tctgagttct taaaaggatt aaatagcgTc gtgtgtcatt ttggattcca	240
ccagcagcac agtcaggGac aagtatccta acacaagaaa tttgtcatgg tggtaattcc	300
aggaaagtct ggtggagaca ggggaagtga gactgaga	338

<210> 1728
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1728	
cacaaaaaac aaattgtgaa ttaaaaacaaa ttatataagt aaatgcatat ttagcataag	60
aaaagaaatc cctcaaaat accaaatTTT atctaataca tactacaata cataaaaaata	120
attttttTTa tttattaact tcatagcata cttttctaata accacatttt ctttcttttt	180
tttttttttt tggaaacaaa gttttctaaa ttttttggcc aaggctgcaa aacagggggg	240
ggatttaagt taattgaaac ctttcctttc agggtaaaag gaattttctg gcctaagcct	300
ccaaaaaagt taaaataagg ggggggcaca acattgccgg gttatatTTg tgt	353

<210> 1729
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 1729	
cgttgctgTc gctgaggTTT ccttaatgTt ctttttgaat ctttgagata caggatctat	60
tacttgcatc tgagagaatt ttgatcatga gtcttgTgga gatctttttc atattactct	120
ctgaatgtat tgggataagg tgtaaggGcg ctgtcttcta ctttaactctg ataatatggg	180
gaattgtGtt aatagatgTt ccaatgTttc ctatgcctta catccctagg ataaatccaa	240
ctgtgccatt ttgttaacct tacaactgTt agttaaaccc ctgtctgaca attaatatca	300
cttatgtggt catttttGct ttttaaaaca ctttatTTat ttattgagac agggccttgc	360

tctgtcagct aggctggagc gaagtgggac ttctctcccc ttaactgga

409

<210> 1730

<211> 292

<212> DNA

<213> Homo sapiens

<400> 1730

at tt t a t t a t a	t t t t a a c t t g	t g a a a g g g g t	t a a a g t g a t a	t t g t c a a a t t	t c a t a t t a t t	60
c c a t t t t t t a a	a t t t t a t t a a	t a a a c t t t g a	t a t g a c t t c a	c a t t t t t t a t a	a t a c a t t t a a	120
c a a a c a g g g t	g a a a a a g a g	a t a g t a t c t t	g a t a g t g c t t	t a t t a t t t t t	c t t t a a t c a t	180
a t a g a c t a t a	t t t t c a a a c t	t t g t a t t t t a	a t a t t t a c t a	t t t a a t a a a t	g c t a t a g t t t	240
t c a a a c a t c t	t c t t c c a t t c	t a t t t t t t t t	a a a c t a a c a t	t t c t t a t t t g	c c	292

<210> 1731

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 1731

g a t g g a g a a a	t a g a g c t c a c	c t c t t c t g g g	t a g a g t a g t g	g c a a a g t c a c	a t t g t a n a a a	60
a g c c t g g g a g	g t g g a a a a t t	t t t t t c a t g a	t t g t c t t t g t	a a a g t a c a a t	c t a c t a c c t a	120
c a c t t t t a a c c	c a c c a a t t c a	t c t t t t a g a a	a t t t a t c c t g	t a a g t g g a c t	t a c a a a t g t g	180
a a c a a a a a t a	a a t g a a c a a g	g g t a t t t g t t	a c t a a a a t a g	t a a t a g c a a a	a g a c t g g a t t	240
a a t c t a a a t g	t c c a a t a a t a	g g g t t a t t t a	a c c c a a t t t a	t t t g t g c c c a	t g c a a t g c a t	300
a g c t a t g t g c	c t g g c t t t t t	t t t t t t t t t t	t t g g a a a g g			339

<210> 1732

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1732

a g a g g a a g a a	g a g a a a g t g g	c c a c a g g g a c	a g g g c a g c a a	g g g t c a a g c c	t g c a g g g g g a	60
g a g a t g g a t g	g g t g a g g g c t	g t g a g a a a c t	c g g g g a t a c c	c a t g c c c a g t	g g g a c c a a g g	120
g a t g g g g c t g	g a g t g c a g c c	a c a t g t t c c a	c c t c c c c c a a	g t g c c a g g c t	g c a t t g g a c t	180
t t g t c c t g g a	g c c g t g c a g a	g c c a t g g g a g	g t t t t t g a g c	a g g g g c t c g g	a g g c c t c a g c	240
t c a t g g t t t c	c a t c t g g t t c	c a g g c t g a t g	g g g a g g c a c c	a t c a c a g c c c	a g g t c a g g a a	300
g g t g a g a c a c	t c a t a c c a a a	c a c t t a g a a a	a c a g g g c c a g	a		341

<210> 1733

<211> 311

<212> DNA

<213> Homo sapiens

<400> 1733

a t c t c a g a a g	a a a a t g c a a c	c c a c a t a t t t	a t t g c c a t t a	a a a g t a t a g a	t a a a a g c a a t	60
t t g a c a t c a a	a a g t a t c c a a	c a t t g c a c a a	g t a a c t t t g t	t t a t c c c t c a	a g c a a a t c c t	120
g a t g a c a t t g	a t c c t a c a c c	t a c t c c t a c t	c c t a c t c c t a	c t c c t g a t a a	a a g t c a t a a t	180
t c t g g a g t t a	a t a t t t c t a c	g c t g g t a t t g	t c t g t g a t t g	g g t c t g t t g t	a a t t g c t a a c	240
t t t a t t t t a a	g t a c c a c c a t	t t g a a c c t t a	a c g a a g a a a a	a a a t c t t c a a	g t a g a c c t a g	300
a a g a g a g t t t	t					311


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<210> 1734
<211> 343
<212> DNA
<213> Homo sapiens
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<400>	1734						
acaaagaaaa	tgaaaagcaa	aattgccctg	taaacaatta	cattaaatgc	aatgtcttta		60
aaatacagct	attggcataa	caaattatta	aacataacca	agtatatgct	gtctacagta		120
aactcacttc	aatataaagc	agtttgaaag	taaagggatg	gaaaaagata	cattatgcag		180
atattaattg	aaaggaggaa	tggtatgtt	aacattagat	aaagtatatt	tcaaagcaaa		240
gaaaatattt	tataattgata	aaagaatcag	gccgagtga	gtggctcatg	cctgtaatcc		300
cagcacttat	qgaqccqag	gcaggtggat	aacctgagat	cag			343

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<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G
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<210> 1736
<211> 390
<212> DNA
<213> Homo sapiens
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<210> 1737
<211> 420
<212> DNA
<213> Homo sapiens
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ccctggagaa	gaaggaagaa	gaagtaactt	cagaggagga	tgaggagaaa	gaagaagaac	360
aacacaacga	agaggaggaa	gaagaagagt	ttgatgaaga	agaacctgaa	gaggaaactg	420

<210> 1738
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1738						
ggcacgagga	ggacgaggac	gtcaaggata	actgggatga	cgatgatgat	gaaaaaaaaa	60
gaggaagcag	aagtaaaacc	agaggtaaaa	atttcagaac	agaaaaaaat	agccgagaag	120
ataaaagaga	aagaacggca	acagaagaaa	aggcaagaag	aaattaaaaa	gaggttagaa	180
gaacccgaag	aacctaaagt	gctaaccacca	gaagaacaat	tagcagataa	actgctggcta	240
aagaaattac	aggaagagtc	agacctcgaa	ttagcaaagg	aaacttttgg	tgtaataaat	300
gcagtttatg	gaatagatgc	tatgaaccca	tcttcaagag	atgactttac	agagtttgga	360
aagttactaa	aagataaaat	tacacaatat	gaaaagg			397

<210> 1739
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 1739						
ggcacgagcc	atcttcaaga	gatgacttta	cagagtttgg	aaagctacta	aaagataaaa	60
ttacacaata	tgaaaagtca	ctatattatg	ccagtttttt	ggaagtctta	gttcgagatg	120
tgtgtatttc	attggaaatt	gatgacttga	aaaaaattac	caattcactg	actgtgcttt	180
gcagtgaaaa	acagaagcaa	gaaaagcaaa	gcaaagccaa	aaagaagaag	aaaggtgtgg	240
ttcctggagg	gggattaaaa	gccaccatga	aagatgatct	ggcagattat	gggggggtatg	300
atggaggata	tgtacaagac	tatgaagact	tcatgtgaca	ttttatcttt	tcttgngtct	360
atctttatgg	tgcccacaat	cccttgaaca	tgtagcacia	cttccttttc	tttcagttct	420
gccaaatgn						429

<210> 1740
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 1740						
tatacgacag	aaggggtaat	cccaaaaaact	tgggaggctg	agataggagt	atcacttgag	60
cacagttcca	gaccactctg	gacaacagag	caagaccccc	agaaaatgaa	aattaaaaaa	120
tggcaaagtc	agaatacatg	ttgaatttaa	aagactacgt	tttggagggtg	tagctgatcc	180
caagctgtta	tgagcaaccc	cctaaggact	gcagatggcc	tggatccagg	ttctgagtta	240
gagcagcaga	cagtctagag	ctatagccac	acagagggct	ggggattgag	cagcagggct	300
tagacacgac	cctgccacag	taggtcgtct	ccctctgttg	gcacaaacag	acatgacatt	360
gttggcagag	tn					372

<210> 1741

<211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1741
 aattagaata attgggaaat gattggaaaa tagaaatctt aagctagaaa acatgtaact 60
 aataaaagta gtttcattaa aacaaaataa ataaaaagaat aactaggaat atcctaataca 120
 agtaagtaat ggagagtata caaaataatt agtaaaagga gggatatatc caagatagta 180
 aaaactttta atatttttgaa aaattttatg ctacatattt gatattttta agaaaacata 240
 atttaccaa actgacccca gaataaatat aaagtttcat tctgttaaca caataaagaa 300
 aatgtacaaa aggctatctt tcagaaatgt accaagtcca g 341

<210> 1742
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1742
 cctgaatgga gtgaacaaga gggccatgca gatatcttgg aggaaagaca ttcccgggca 60
 aggaaacagc aagtgc aaaag gccacaagggt gggattgagt gtggtgtgtt tgaaagctga 120
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaaag 180
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240
 aaccaatgaa gggttttcag ctaggtaaca tgatccgatt tactcccttt aaagattggc 300
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaaggc aagaggattg 360
 tttgagctca ggagttcaag atcagcctga ccan 394

<210> 1743
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 1743
 cctgaatgga gtgaacaaga gggccatgca catatcttgg aggaaagaca ttcccgggca 60
 aggaaacagc aagtgc aaaag gccacaagggt gggattgagt gtggtgtgtt tgaaagctga 120
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaaag 180
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240
 aaccaatgaa gggttttcag ctaggtaaca tgatccgatt tactcccttt atagattggc 300
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaaggc aagaggattg 360
 tttgagctca cgagttcaag atcaa 385

<210> 1744
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 1744
 ggcacgagat tgcataatagt cctgatggga aatacctagc cagtggagcc atagatggaa 60
 tcatcaatat ttttgatatt gcaactggaa aacttctgca taccctggaa ggccatgcca 120
 tgcccattcg ctcccttgacc ttttccccgg actcccagct ccttgtcact gcttcagatg 180
 atggctacat caagatctat gatgtacaac atgccaaattt ggctggcacg ctgagcggcc 240
 atgcctctg ggtgctgaac gttgcattct gtccctgatga cactcacttt gtttccagtt 300
 cgtctgacaa aagtgtaaaa gtttgggatg ttggaacgag gacttgtgtt cacaccttct 360

ttgatcacca ggatcagggtc tggggaggaa aatacaatgg aaatgggttca aaaatttggg 420

<210> 1745

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1745

acgctgatgc	cgcattctgta	tacacccgtg	gaactagcat	caagattaag	ataatgaaca	60
tgttcatcac	cctcaaaagt	tccccgatgc	ccctttgaaa	tcaccctttc	catcctttcc	120
ccaccctcct	gcccggcaac	cactgatctg	ctttccgtca	ctatagatga	attagcttag	180
attttctaga	gtgatgctta	tgtggaattg	tacagcatat	attctcatat	tatctcgctt	240
ctttcactca	gcataatcct	gtcaacatta	ttccatttgt	gccatgtagc	atcacttgat	300
cgtattgttg	agtaggattc	cattttatgg	ctagatcaca	atttgtttct	ccatttgtct	360
attgatgggc	atctgggtca	tttttcaact				389

<210> 1746

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1746

tgggtgaata	acagaaactta	cttcataggg	ttggtataag	aattgaatga	aaagtgcaca	60
gcatgacaaa	tagtanacac	tcagtaaatg	gtagctatta	ctattactag	tctgacttaa	120
actggtatca	tcacatttga	tgtgataaag	aaacacaggg	ttttcaaaat	agaatg	176

<210> 1747

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1747

gagtctcact	ctgttgccca	ggctggagtg	caatgggtgtg	atctctgctc	actgcaacct	60
ccgcagcctg	ggttcacgcc	attctcctgc	ctcagcctac	caagtagttg	ggagaatagg	120
cgacttccac	cactctcgca	tttgtgatag	gactttttta	aggactcgga	gtccaaatac	180
taaaaacagg	atggccggaa	tctccagacc	tgatgatctt	gctgccttta	tatttaaagt	240
gccaggacta	tacgccgaat	aatgggtggc	ccccttgaag	acgcaaccct	gtcctttgct	300
tatgaattgg	gtgttgtacc	gattctcctg	atatccctat	aggcaattgt	cggaaatag	359

<210> 1748

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1748

cagggtgaat	ctgccttagg	ttccctgcct	tcagacagta	ttctcctgcg	gcaacacttt	60
gctgacaact	attcttgaaa	atacggggat	tggtattttc	atgggtggtt	tcattggggct	120
gagaacttag	aagataatga	ctgcttcctt	catctgggga	tgggatttaa	atgtaattga	180
gcaactcactg	ttttcttgag	aagggtggag	atactagctt	ccttataaag	ataaaggggt	240
gcgagaggca	ggatttttagg	aactcaaata	tatgtgggaa	cgggcgagca	tgaattcctt	300
tttctttccc	aatcccaatc	ttttattg				328

<210> 1749
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1749									
tatatgaacc	gactaaaaga	ggaaaataac	accatgggca	ttcctccctt	ttgcctggaa				60
ccatgttgac	taaaatgtgt	gcctattata	agccaattgt	gtcctcactt	ggcgtgggtt				120
caaggtaaca	aagatttgat	cttatttaat	ctcttctcac	atgtggtaga	cagaattcct				180
aggtgaccca	catggctttt	gttccctggg	gttactcgca	tggtcatgtt	atgttgcagg				240
acaaatgata	ttatgcagat	gtaattaaaa	tgacttacta	atcaggtgac	cttaagagag				300
attatctaga	tggaatctaac	gttatctcac	gagtacttta	aaaacag					347

<210> 1750
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 1750									
tgcatacatg	ttttaaaaca	tcatactgta	tcccataagt	ttgtacaatt	actatatgtc				60
aattaaagat	aaaatacaac	tttaaaaaat	tgtccaaaat	gaaacataca	gaaaataactt				120
taagaaaaag	caaaagagca	tcaatgagtc	agtgagttat	ggaacaactt	caagacacct				180
aatatacacg	taattttaagt	ccctgaagaa	aaggggtgta	taaaaatatt	tgaaaaaata				240
atggatgaaa	ttttaaatat	ttggtaaaaa	ccataaaact	gtagatctaa	gaagctn				297

<210> 1751
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1751									
aaatctttac	ctagctttgt	tttctaagcc	ttcatcagaa	tctaggcttt	ttctagtctg				60
ctcctccaaa	ttattctacc	tgctgcccc	ttataccag	tttcaaagct	gcttccacat				120
gttcaggat	ttctcgttgt	cagtaacacc	ctacttcttg	gtaccaattt	tccagaattc				180
catgaactct	accaccagtt	aacccaatgg	taactggaac	atattccagc	taagaaattc				240
agcagtttat	taaaaattaa	tggaatctagg	ccaggcatgg	tggetcacac	ctgtaatccc				300
aacacattgg	gaggctgaga	tgagggga							328

<210> 1752
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1752									
gaatgcaaaa	agagaaaggc	cgaccatgcg	gtggaagggtg	cggaggaagg	ggagggggagt				60
actcatcatt	gtggagggcc	ccaaagcatc	ggaatgggac	ggcatgcaca	taatgaatcc				120
ttctccctgg	cgaatcta	gctgttacgt	ctccatgtca	ggaaagccat	ttaagaaaca				180
aggatatgcc	ggtcgaggag	gatcactctt	tttattcctg	cacttttggt	ggcctttggt				240
ctcacattga	cttatgtcat	gtattactta	cctttctggc	caccctcgtt	tcaagaccct				300
attaatttta	cttctccatc	ccttttcttt	ggagtctccc	ccccgctgcg					350

<210> 1753

<211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1753							
tcatcacttt	ttaatataat	gttaattaat	ttgcataatt	atcatgacaa	gtacaagtga		60
ctttcacagg	taaagaagca	gacacaactg	atthtgactc	tggttaagcaa	caccactcaa		120
ggagaggggt	ggaagcagaa	gtgcctgagt	ctcctatgga	gtagcctgtc	agtgactggg		180
cagcccttgg	gcagtccatg	tggttatggg	gaaggaagag	cattaatgaa	tccaatagtt		240
tggttaattc	taactgaaca	gtattctttt	aaaatttaca	tgtcccttat	tttaagaata		300
atatgtttat	tatatatata	ttgaaataat	atgtttca				338

<210> 1754
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1754							
ggcacgaggc	tgggggtgct	ttatcctttc	tgccaagtgc	cgtgacactt	ctgaaaaatc		60
tccaggagca	agtgatggct	gtaactgcac	aagtgaatc	actgacacaa	aaagttcaag		120
ctggggccta	tcctacagaa	aaggggctca	gcttcttgga	agagaaagac	cagctgctgc		180
tcatgtacct	tatggatttg	acccacctca	ttctggacaa	agcctcagga	ggatctcttc		240
agggacatga	tgcagttttg	agactgggag	agattcgaac	ggttttggaa	aagcttcgtc		300
ccttggacca	aaagctgaag	tatcaaattg	acaagctgat	caagactgca	gtgacaggca		360
gccttagtga	gaatgaccca	cttctgttta	aagccccg				397

<210> 1755
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1755							
ttgtggctat	agagttactt	tgtatgattt	tgatcattta	aatttatcga	tacttatttt		60
atgacacagt	gtttgggtcta	tcctggaaaa	cattccatat	ttgcttgaga	aaaaaatcta		120
tatattcctg	tggtgttgga	tggagtgggt	attcaaaata	caactctgtg	ctaactttct		180
gttttagttt	tctaccaatt	attgagataa	tgcattgaag	tctccaaata	ttattgttga		240
tttgtgtttc	tcttttcaat	ttagcttctg	tttgtatttg	gggaatctat	tactatgtga		300
tatgatctat	atatgt						316

<210> 1756
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 1756							
tggtaccgct	tggaaaggac	aagagaaggg	atctgttgcg	ggaagacgac	cgagagctac		60
tggtgctaca	agacgaaaca	ccgtctctgc	tgagagtaca	cgaattatag	gtgcttggtg		120
gcacgcacca	gtgatcgcta	ctgggtgcgga	agggag				156

<210> 1757
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1757							
gcctcagccc	ccaagtagct	gggatgacag	gtgcatgcca	ccacgctggc	taatttttat		60
atthttttgtg	gagacagggt	tttgccatgt	tgcccaggct	ggtggtgaac	tcctggattc		120

aacctttctg	cctgccttgg	gtccccaaag	tgctgggatt	acagatgtga	gccattgcgc	180
ctggccaagg	cttgatatta	ttaagtcaat	gcttctcata	ttggccta	ttatagatca	240
atgcaattat	aatcagaaac	ctagcaggtc	tgtggggggg	cgtaaattga	catggtggga	300
ctaaaaggta	tgtgaaaatg	caaag				325

<210> 1758

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1758						
cgttgctgtc	gctttgattg	tcattctcct	gggaagccca	gtctcagtc	ctcccccaac	60
actgtccaca	ctgcccctcc	ccactgttta	tttattgcac	ggatctaagt	tattctcccc	120
agccagagcc	cgagctcctg	ctccctggga	aaagtggcgt	atggccctga	gctgggcttt	180
atattttata	tctgcaaata	aatcacattt	tatcttatat	ttagggaaag	ccggagagca	240
acaacaaaaa	atgtttaagc	cgggcgcggt	ggctcacatc	tgtaatccca	gcactttggg	300
agtccaagga	gggggatcgc	ttgagtccag	gagtttgaga	ccagcctgga	caacatggtg	360
aaaccccatc	tctacaaaa					379

<210> 1759

<211> 112

<212> DNA

<213> Homo sapiens

<400> 1759						
tacggttcga	gaagaacaat	aaacggttcg	gcttgcttaa	tacgactgaa	cggttcggct	60
tcgacatgaa	cccccaaagg	gctgggttgc	tgaataagct	tgaacggtac	gg	112

<210> 1760

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1760						
cgttgctgtc	gctgtcacag	acacataact	ggaaatgtga	ttttattctc	ctggatggac	60
aattgtgatg	gattttttgg	gttccgggct	tcaggctttg	caatctcatc	ttctttgccc	120
ttcctcttgt	cataatggaa	gaggtgctgc	taatttgggt	tccatccttt	cctgctttca	180
gagactgtcc	tgtgatttcc	taaaacattt	ccattagttt	gtttgaattt	tctgattttc	240
ttcccttagg	gccctccaca	ggcctctgtg	ctagtgcctt	gaatgatggc	aagtgtacaa	300
aaaaaatttt	ttttcttttt	aagacgtttt	tgttctgtca	cccaagggtga	gtgcaatggc	360
gngatctngg	gtcactgcan					380

<210> 1761

<211> 160

<212> DNA

<213> Homo sapiens

<400> 1761						
gaacctcctg	ctccagcctc	tgcctcctcc	atthttgatgt	ctagaatcag	gggatccagg	60
atcatcacca	aggtcatttt	cccagacaga	tgtgctgagg	ctgtagaaag	tgctttttat	120
ttggttgagg	gcctgtgcat	aaatgcgaga	ggggctgcac			160

<210> 1762
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1762
 ttattgggta tatgcaatgt gtgtgtccat gtgtacctct cccacagtcc ctcaaagtgt 60
 gagggtagaa cttccaataa actttctctc cactgtgctt acatagccca ctgcacatgt 120
 cttctacatt gtattatagt tatttgttca cagatttttt ttttaccact aaactatgat 180
 cttgtcaagg gtggagacgt ctttatcttt ataatccaag tgcctaggac atttcctgac 240
 acatggtagg agttaaatat cttgggttgaa ttaatatata aataaaacag ggagcattgt 300
 ttaagaatat gaattattgg ctgggtgcgg ngggtcatgc ctg 343

<210> 1763
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 1763
 ttctgtgac attggacaac tgaaaggctc ttatgcagga agacatatgc ttagcacatg 60
 tgccagaagc actactacca ggtctttatg ctagaatcat gaaaatgtat attctcgag 120
 aaagtctacg caagtgctta ttgcaactat acttataatt gtcacagatg gaagcaacca 180
 aatgtccgac aattcgtaaa tagataaacc agctgcactg tcattggtgg ctcacgctag 240
 cacttt 246

<210> 1764
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1764
 catacctaag agctcaacag tgtatagcca attactaaca atgtcatttt tgtaagctaa 60
 tgaggattcc tgacaaacca ctttatactt tcatcatcac tccctctccc aattcatcat 120
 ttttttcttt agcagctcca gtctctcctt tgttctccag agcacttccc aaggtaactt 180
 agaagtattt tctgggctgc agtccttaac tttaggccaa ataaaccctc tacctatagt 240
 aattttggct caatttcttt ctttaggcca acactcctaa aaatcacaaa tgaagctgaa 300
 tgggcattca ctttctgctt tcatcttctt ggggataaga actataaaat ccttggccgg 360
 gcgcgggtgg 369

<210> 1765
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 1765
 catatttttc taagttgctt aaaatttaat tacttaaaat tacttaaaat tctaaattac 60
 ttaaaaattt aattcatgtc aatgtgatca aacagatcaa tttctttcat tgtcctgggt 120

caattatggt	aacattat	tcccaggaag	ataatgttcc	taggaacata	tagattttaa	180
aaaccagcaa	ataggaaaa	atgtagggtg	tagacttctt	ttccaggtag	tctttgaaaa	240
atgaacagaa	ttcagtattg	aaaatatcta	tggttctaac	tttgtcactg	tgtaacctta	300
aataaattac	ttagcatctc	tgagtcttta	ctttctaaac	tattaan		347

<210> 1766

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1766

ccagcctggg	tgacacagt	agactccatc	tcaaaaaaat	aaaaaacaaa	aaaaccagag	60
aataccaaga	aagtgcata	ctatatatac	atacatatgt	gtatatat	gcataaataa	120
atccagaaga	tgccaaaga	acttat	gaatgtggga	gggcatggg	catttagatg	180
aataggagg	aacagttaga	gagagtccac	actttgtatg	ttttcatatg	gttaggtttg	240
aaaccatgtg	aatgtattac	ttactcagaa	attaaattag	gccaggcgcg	gtggctcacg	300
cctgtaatcc	cagcact					317

<210> 1767

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1767

cgttgctgtc	gataaggggc	aggtcttggc	cctagaggat	tgagatgttt	ttctaaatct	60
tagaactatt	tttgataaaa	ttatatat	tccttcctag	tagaagtgtt	actgcctgta	120
actagctcaa	aataccaatg	cagtttctgc	attctgggtt	ttggttttcc	tttttttttt	180
tttttttggg	gtttggcttt	ggccccccag	gtgggggggc	aggggggggaa	tttaatttaa	240
tgggaaaatt	tggcctccgg	ggtaaaaaga	attccccgcc	ctaaccccccc	ggagaaccgg	300
gaataacggg	gccccccccc	ccccctaagt	aaattttggg	tttttaaaaa	aaaagggggg	360
ttaacattgt	ggcccggggg	gttttt				386

<210> 1768

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1768

aatagtttgg	ttaattctaa	ctgaacagta	ttctttttaa	atttacatgt	cccttat	60
agaataata	tgtttattat	atatacttg	aaataatatg	tttcaataaa	ttgaaaataa	120
aacacataca	tacacacata	cacacacaca	cacacacaca	cacaatgcac	cacctggaaa	180
atcactataa	atattcaatc	atttctatttc	cataatgctc	tcttatgcaa	ggaccactta	240
caacacaata	atttttaaac	acagtccatg	gttttagcta	atactgcata	tatcacataa	300
aataggaca	atatgccctt	ataatgagtt	attcttggtta	taactca		347

<210> 1769

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1769

agtacattat	gaccactggg	tttatttctag	aatgcaagg	ctgatgtttg	aaattctcca	60
tattaagtaa	gtaaaagggg	ggaggcacag	atatcaattc	tccccaaatt	gatacttaga	120
gtcaaagtaa	tcccaaccac	attcccaaca	gttggtgaag	aaatataggt	ggattctcta	180
ttatttttct	gtattgagct	ctaaatagat	acagaaaaaa	aattgataaa	attcaatact	240
tatttgttat	ttaaaaataa	tcatgacaca	ccccgaacag	aaaggaacct	ttttaatttg	300
aaaaagctta	tttacaataa	cctatctaac	cattgaaaaat	ttcttcttct	ttct	354

<210> 1770
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1770
 tctacagctg agagaagaca ctgaagggat gggaaacgct gcgacctctt acagaggagg 60
 aaagttcatg gacttctagc ttctagaact gtgatacaat aaactcctgc tgcttatcta 120
 ctcctctgca gtattttgtc atggcagccc tagcaacta ctatagtgc tgtgggggtt 180
 aggatgacac caagcatcaa atgccactcc ctgttccaac agtgagacca ttccacagcc 240
 cctgaatgac aagacaggcc ttcaaaactca agactacctg gctaaggtag aagtacttta 300
 gtcacaccac ttctgaactt tcttgccctac ctgcagggca agaattttta ccatttttaa 360
 atgtggacac tgaagctcac a 381

<210> 1771
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 1771
 ggcacgaggt ccctgaaaga aagttctgta tggattcctt tcatgcggtg aaggaacaac 60
 aacaatattc aacttcacct tggcgtgtga gggcgcgcgc gttttataac actatccctg 120
 tagaaagatt agtgaaatgt attggaagaa gtaatggaaa cgtgaatctt cctgggctcg 180
 cgagtggatc ttatttggag tcctcacctt cttaaactctg atgtttgttt gaaatcacgg 240
 ctgaatttcc atatatagga cagaaagaaa gaaccccaat tttttaaaga aagctcccc 300
 cccccgcgc cgcttttttc ctgaaccacac ttgggtctccc gttataaggc ggccacaata 360
 aaaggcaaca attttctttt agtcttttga cgccattata ttt 403

<210> 1772
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1772
 cctgtctctg ctaaaaatac aaaaatttagc tgggcctggt ggcctgcctc tgtagtccca 60
 gctactcagg aggtctgaggc aggacaatca cttgaaccca ggaggtggag gttggagtga 120
 gccgagattg cacaccacta tactccagcc tggcgacaga gcgagactcc gtctcaaaaa 180
 aaaaatcact ctgtcaacag caacaatata ctttcttctc aatgttcatt acaagctttg 240
 tgctgggcca caaaacaagt ctcatgaaat gagatagaat taaaatcacg canagtgtat 300
 tctctgtccg cagtggaaat taggactcgg n 331

<210> 1773
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1773
 agtctgggtg acagtgcagc ctcttcacaa aaaaaaaaaa gggggggggg ccggacccat 60
 gggctcacc cctggaacccc aaccttttgg gagggccggg gctggcgatt caaaggagac 120
 gaaaacaaaa cccttctggt taaccgggga aaaccctgtg ttttcttaaa atgccaaaaa 180
 aaaaatttac ccgggcgggg gggaaagccc ctgttaccce aatttctttg aagggtgggg 240

ccagaaaatg	ggggaaaccc	cggaggggga	atttggttga	aactaaaaat	gccccactgg	300
actccaccct	ggggaaaaaa	aacaagaaaa	atttctaaaa	aaaaaatatc	cctttgaacc	360
ccctcttttt	tga					373

<210> 1774

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1774

tctcccaaag	tgctgggatt	ataggtgtga	gtcactgttc	ccagccgaga	caactgtctca	60
taaaaagaaa	agaaaaagaaa	aaaaaaaaaa	gggtgggggg	caggggttca	caccgggtatc	120
cccacctttt	tggggggcaa	aggcgggtcaa	acccccgggg	gcgggggagt	aaaaactcct	180
ctgcccacg	ggcaaaaacg	ttgtccttta	taaggaccta	aaaaataacc	cgggttggtta	240
cgaacctctt	tgaagcggca	ctaacgtgca	tcctctgagg	attcgtagta	ttcgccctaca	300
cttcctcaca	cgatgtaatg	gattcacttc	cttctctaac	atagtagacc	g	351

<210> 1775

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1775

cctataactg	cttttgtggg	ggctcattgg	ttttaatacg	atgagtttct	attctaattt	60
gtctcaataa	atttttaaaa	taataaaaatt	gacccattgg	ttattttttg	agtgcattgt	120
ttaattttcca	tgtatgtgta	aagtatatga	cactgttggt	gatttccaga	tccatacctt	180
tgatacttga	tataatctcc	atcttcttaa	atttttttaa	gacttgatct	gtggcctaatt	240
gtatgatcta	ttctggagaa	tgttccatgt	gtagttgaaa	agaatgtgta	ccctacaatt	300
gttgaatgaa	atggtctgta	aatgtcttta	aggtc			335

<210> 1776

<211> 429

<212> DNA

<213> Homo sapiens

<400> 1776

gtctttttgc	aggatccgcc	gccatgaagg	ccgtgggtgca	gcgcgtcacc	cgggccagcg	60
tcacagttgg	aggagagcag	attagtgccca	ttggaagggg	catatgtgtg	ttgctgggta	120
tttccctgga	ggatacgag	aaggaaactgg	aacacatggg	ccgaaagatt	ctaaacctgc	180
gtgtatttga	ggatgagagt	gggaagcact	ggtcgaagag	tgtgatggac	aaacagtagc	240
agattctgtg	tgtcagccag	tttaccctcc	agtgtgtcct	gaagggaaac	aagcctgatt	300
tccacctagc	aatgcccacg	gagcaggcag	agggtcttcta	caacagcttc	ctggagcagc	360
tgcgtaaaac	atacaggccg	gagcttatca	aagatggcaa	gtttggggcc	tacatgcagg	420
tgacattc						429

<210> 1777

<211> 365

<212> DNA

<213> Homo sapiens

<400> 1777

cgggagtggtg	ggggaggggca	gtgaatatga	taggatacca	ctcctgtgat	caggttacta	60
atcagttgat	ttttttagtt	aatcaaaaagg	gaggttatcc	taactggaat	tgatcaaacc	120
aggtaatctc	tttaaaagaa	gatgaatgtc	agagtgtatg	tctcctcctg	gccttgaaga	180
caacgcaaac	tgagagaaaag	gggccactca	gcaaggatct	gagggcaacc	tataggaaca	240
gacagcctac	tgcacaagaa	gcaagggtat	cagtcatagc	acaacaagga	aatttctgcc	300
aaaaaccagt	gagcctggaa	gagaatcctg	aacttcagac	gagactgcaa	ccttggattg	360

atddd

365

<210> 1778

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1778

cggtgctgtc	ggaactgggc	aacatagtga	cacccagtg	ctattacaaa	caaaacaaaa	60
acagatgaag	gcctgcattt	gcctgtaggc	tatagtttgt	tgatccctaa	ctagtaaattg	120
gtattcacat	ataaccacat	ggactttgca	ctgcacagaa	aaagtcagtt	tggggagaat	180
ttcagactta	catgtgaagg	acagatgtca	atdddttatt	ttatdddttatt	tttgagacag	240
agtctcgctc	tggtggcccag	gctggagtg	agtggcatga	tcttggtca	ctgcaacctc	300
tgccccctgg	gttcaagcaa	ttcttggtgc	tcagcctcct	gagtagctgg	gattacaggc	360
gtgcaccacc	acg					373

<210> 1779

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1779

gggacgacaga	gtgagacttt	gtcacgaaag	aaagaaaaag	aataaagaaa	gaaagagaga	60
gagagagaga	aagaaaagaga	gagagagaaa	gaacgacaga	aagaaaagaaa	gaaagaaaaga	120
aagaaaagaaa	gaaagagaga	aaagaaaaga	acgagaaaag	aaagaaggaa	agaaagagaa	180
agaaaaggaac	aaagaggaag	gaagggagg	agagagagaa	ggagagaaaag	aggaagggaa	240
ggagagaggg	aacgcaggaa	gaatgcatta	ctgcccacag	gttatctctt	tatgcacgac	300
ttatgcctag	acgcgctccg	gtatacaaac	ggcaaaagctc	taaaccggcg	ggctcgtact	360
taccaccctt	atctcccccc	aaccgcattg	cagccttctt	accctgcg		408

<210> 1780

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1780

gacatcagaa	ttgtgtatct	tgattttacaa	agaaaaaaa	caaaagatac	tctctttttt	60
aataaaactta	aaatgttcac	atggcaagt	ttcactcagc	aaagtacttc	agaacaaatt	120
tcagaatcac	cagagaacca	gtgaacaaa	aggggtgcaga	gataaggaga	ggcattagat	180
gataaagcaa	tcagtctctc	aaggagacat	aacagtcctc	actgtgtatg	caccaaacaa	240
cacaacaccc	caatacatga	ggcaaaactga	tgaactgcaa	ggagaaatgg	ccaattcaga	300
tactgactgg	attagaacaa	atacccaaaa	cttggggagt	agtgtcaat	a	351

<210> 1781

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1781

cggtgctgtc	gcgcgagatg	gattccgggt	gctgggtgtt	cgccggcgag	ttcgaggact	60
cgggtgttca	ggagaggccg	gagcggcggt	catgaccgcc	cgcgtcctac	tgcgccaagc	120
tctgcgagcc	gcagtgggtt	tatgacgac	cttaacttct	cgtttacgtt	tcacttccgc	180

ctcttttgcgt	tctttcttcg	cccccttttc	cttctttctca	tcccaccatt	ctgategttc	240
tccctgcgat	ctctgctcgc	tcttcatctc	tgcgctcctc	gtacttttcc	ttcctccatc	300
tcttctctct	ccctcgtctg	ccgccgcctt	actactcttn	ctagttctgt	cagctcttct	360
ttctgtctcg	cctctctttc					380

<210> 1782

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 1782

tctttttcta	ctacacacac	attttttagca	ccaacctctg	taatacatct	taacagattc	60
cacatcacat	tgtactgaat	tcatattttc	tctacttctt	tgtaagtatt	tttgccctgtt	120
cacatagaat	attaatgtaa	attgattctt	tagtcacttt	aaacttggca	ttgactcttc	180
taagagacaa	catctgagca	gtcttctact	tagacagcca	ttcaataata	gtgggatcct	240
tcaacacccc	attgtcacat	tagacagatc	atcaaggcca	aaaagtaaca	aattctgaac	300
ttaaacttga	cacgtgacca	atggcactta	atagatatat	atagaan		347

<210> 1783

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1783

ttttgaggga	tttttaaaga	aaaactacta	aatttgatga	ttgataacat	ctgtgcagtg	60
ggctgggctt	gcagggaggg	ttatgagaca	tggtgaggcc	agagtgggtca	agtgactgaa	120
tattgttgag	agtgagaagt	gagaagggca	ggagaccaga	actgaggctg	agagtgcagc	180
tataatgata	aagacggggc	aggcacagtg	gcttacacct	gtaatcgcac	tctgggaggc	240
cgaggtggga	gaattgcttg	agtccagtaa	ttcaggacca	gcctggggcaa	tatagtgaga	300
ccccatctct	acaaaaaatt	taaaaaattag	ccaggg			336

<210> 1784

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1784

gttgagactg	caatgagccg	agatcatgcc	attccactct	aacccgggtg	acagaatgag	60
aacttgtctc	aaaaaaataa	aaaaataaaa	aaaaaatgta	tcaaccaaag	tcatggagaa	120
ccaaaccaag	ttttgtctac	aaccatgatt	cttacagttt	ttggtttcag	gactctttgc	180
attttgaaaa	ataactgaac	accagaagc	ttttgtttat	atgaatttta	tctatcagta	240
tttactatat	tagaaattca	agtgaggaaa	aatttaaata	tgtatcaatt	catttaacag	300
aacatgagta	aactcattac	atgtaaacad				330

<210> 1785

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1785

ctataacaatc	tctgttgcaa	ctcttcaact	ctccccttgt	agcatgaaaa	cagtgatatg	60
ccatatgtaa	ttaataaaca	tggctgtgtt	tcaataaaac	tttatttgca	agaacaggca	120

gctgggcaca	ggtgatctcc	tagccatagt	tttccaacct	tatttatctc	ccaaaggaga	180
tttccttttg	gagataaata	aggttagatt	tgatcttgag	ggtgagaaac	ttatgatagg	240
attaatatcc	tcataaaaga	agaaagaggc	cagggtgaggt	ggctcatacc	tgtaatccca	300
gcactttttg	gagggcgagg	gtggggcaaat	ct			332

<210> 1786

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1786

gtctccatat	aaatcgagta	tgattttccag	aaggaaagaa	aacaataaat	aggacaaatg	60
tgatatacaa	agtagagaca	ataatgggaa	atttttcaga	atcagtcatt	ggtggagcat	120
gacacgagtg	attaagtagg	gtagtgggtca	ctaaatccaa	caaaaataaa	tacctccact	180
tcatgatctt	catcattatc	atcataatca	ttgttatcat	cttaagtacc	atccacaaat	240
atcacaaagc	tctagaatac	tattgtttatt	gtactggaaa	tgtaaaactc	taaggtaatt	300
aaaacataaa	tcaaattgtaa	ataatatatt	ttcag			335

<210> 1787

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1787

gggcgatctt	ttcggattat	cttccatgct	gtggcagaat	aaaacccaaa	cattgggtct	60
tcctggacct	tcaacctacc	agcttttgaa	ctgaaccacc	attgggtctc	ctgggtctca	120
tgctttcaaa	ttcagactgc	caatatcata	ctgaatgggc	aaaagctgga	agcattccct	180
ttgaaaacca	gcacaagaca	aggatgtcct	ctcttaccac	tcctattcaa	cgtaatatgt	240
gaagttcttg	ccaggggaaat	caggcaggag	aaagaaataa	aggtattoga	acaggaagag	300
aggaagtcac	attgtctct					319

<210> 1788

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1788

cttcctttga	aatgaactttc	agtttcccac	tgggatagat	tatatcaagt	ctgcttggtg	60
aatgccatgc	tggaagagcaa	aagtgtcctt	tcaaagtatg	gaatacactg	aataagataa	120
gccgcggatc	ccgcagtatg	aggttttaaa	tttattccaa	aagaagaaat	agaggggtac	180
atttacaagc	aaagtacagg	gccaggcacg	gggggtcaca	cctgtaatcc	cagcactttg	240
ggaggtcgac	gcgggaggat	cacgaggaca	gatcaagacc	atccctgctt	actcagaaaa	300
ctcccgtctc	actaaagata	cataaaccta	gcg			333

<210> 1789

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1789

attaaaataa	gaaaataatt	ctgatattat	attttactct	aatttttaaag	ccttttttca	60
tattaagtgt	ttttgttgat	tcaaaattag	aaaatatatc	tatctctaata	acttaataacc	120
cattccctaa	catggcattt	gttcattcaa	ttgaaaacat	ttagcaaaat	gcctcttcga	180
catctatggg	atcatttaaa	aaatgttttg	ggggacttaa	ttataattct	cctctaagct	240
tttgaagctt	agctaagact	attacctatt	ctcttgggtt	ttgctaccac	catgtgctag	300
tatgtgacag	atgttt					316

<210> 1790
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 1790
 tatgtactac ggttgcgaca tgacgacaga cggatgatgta tgtggacccc ccacctctca 60
 tcagcgtgga caggcatgcg ctatttgcca tcctcggtat gccctggcta taactaggat 120
 gccactctc tcgactcct attggacata gcaccggttg gcctacattt tatcgatcag 180
 gatcgagagg aggtgaggga tgttcttata ggaagagagt aagtcaaact atctttctct 240
 gcaagtggta tgattgtata actatgaaat cccatagctc ccgccccaaa gatccatgag 300
 ctgatgaacc tcagcaaagt tttaggatac aaaatcan 338

<210> 1791
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1791
 cagggctagc gagcctacct ctagaacctt cttgccaggg tcaacttctg agattgacag 60
 ttgtctttca tgttctagca tgaaagtatt ctggttggtt tgctcttatt ctagctttgt 120
 ggggacttgt ataactaat tttttgaata ggtaatacat tcacatggtt caaaatttaa 180
 aaaataacaa caaaaagggt atgctgagaa aagtctctct tactctcccg ttccctatct 240
 acccagcttc taccacctcc ctaaaagtat tagtttctta tacagtatat gtgactagaa 300
 tttctttata taaaaagaag caaatg 326

<210> 1792
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 1792
 gcagtggggg agaggccatg taagtacctg gggaagatcc aggcagaaca gtttgcacaa 60
 aggccctgag atgacacctc gcttggtgtg ctggagggca gtaaggggac cagagtggct 120
 ggagtggggt gaataagaaa gcagaaggcc gggcgtggtg gctcacgctc atgctgtaa 180
 tcccagcact ttaagaggct gaggctggcg gatcacaagg tcaggagatt gagaccatcc 240
 tggc 244

<210> 1793
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1793
 aaaaagatga cctaaaactg tccttatccc cagggtggtg gattttcaac atagagaaca 60
 aacctaaagca ttctacaaac tattataact gataagtgat attagcaaca tttaaaaatt 120
 aataatttac atctccactg gcaattacca attagagatt atgatagaat atgatagaaa 180
 aataattcca ttataatag caaggaaaac tataaagaat ctatgtataa atgtaacaaa 240
 aatgtttaag acacatttgt tggaaaaatc acaaagtatt cataatatac ataatgaata 300
 aaacacatta ataaagaat aagtacaaag tccatg 336

<210> 1794

<211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 1794
 tgacactcta ttatagtcta ggctgtttac atactaccat cagggacgag gatgtctgac 60
 gtaagaaatt accacgaagt atttattccc agaaggcaaa gacctcacca tgagtgggaa 120
 ctactgtacg cagtagcgaa aaaacattaa ggacacagaa tatacatata tgtctatatt 180
 tatatatatg cacacattta tacacacata catatatata aaacattccc tgtttttaa 240
 tatatgtatg tacatatata cacacatata tgtatgcgtg tgtgtatact gaaactatat 300
 ttgcataagn ttatatatta tatcc 325

<210> 1795
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1795
 gccaaagatcg agccactgca ctccagcctg agcaacagag taagactctg tctcaaaaaa 60
 attttccttt taaaggaaat aattatttat ttatttttga gatgagatct cactccgtcg 120
 cccaggctgg tcttgaactc ctggcctcaa gcaatcctcc cacctcagcc tctcaaagtg 180
 ttttggatta caggtgtgag ccaactgctcc tggcaaaactc gtaatttttg gtagaacaat 240
 tgggggtactt ctgatatgaa aacaaaagctg ggccaacttc ttcacttcga tatagtcata 300
 tttatccaat tttcgttcat gctgtggg 328

<210> 1796
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1796
 tactatatta taagagtaga caaaaagaga caaaaatctc tgctctcaaa gagcttaaata 60
 gctgggtggga gctaagaagc agataaaaaa aggcgaaata atgggtactt caatttagca 120
 tataccaagt gctaggtggt ctctgagta tctactaggt attacttaata ttaatcctcc 180
 caacaactcc atgaggaaag tattactatt gtgcatatgg ggaaaactgag acacagagag 240
 attaaagttac ctgctgaaga tcatgcagct cctgaaggca gaaccaagat ccaaacctga 300
 tgggtcttggg acaaaagtcca tgggtctaatt aagagctaca cttcaggcca gg 352

<210> 1797
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1797
 tatgttttct tccagatggt ttatagggtg ggtcttatat ctaggtcttt gattcacttt 60
 gagtttttat atataatggg agatcacatg ctgtttttga aaacgagtta aagtggtaaa 120
 caatcaggag tttaaaaata tgcattctatc tttggtttta ctgacaatca tgtgatattt 180
 tgtaaacaat accatttaata agaaagaaaa caaactttta cctctaataa ggctgatatt 240
 ctcaatattt actttaaaaa tgtgataagc ttagagttat tagaaaaggc ctttgacatt 300
 tttgttttta caaatcaact gctttcaata aagacttgaa taaatgaagc ctt 353

<210> 1798

<211> 362
 <212> DNA
 <213> Homo sapiens

<400> 1798
 tatgttaaaa tgcctttaca cagagcccag actttccaag gggtattctt tgtgtgagtg 60
 tgtgagtggt agtggtgcgt tgtgttcaca aatagaggcc cagcacgctt atactacaaa 120
 gagagagggt actcggggga atatactaac accggaaagg gttactaatt taaatgctga 180
 ggggtacagac ctacctcacc ttgtgaagcg cactatctct cgactgggca cggttacata 240
 cgtctgcagt tctagcactt tacgaggctc gagcctgggt gatcacgatg tcaggagttc 300
 gagaccagcc tgtgcaatat gggcaaaccc ccgtctctac tattcatact tatattagct 360
 gg 362

<210> 1799
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (372)
 <223> n = A,T,C or G

<400> 1799
 aagattgttg tatcgccata tctatttcta ctttgaaca gtagcttttt tttgccacgt 60
 ttaatgactg atcacaaagt gagatattta aatatatata tacacacaca catatatgca 120
 tatatgtgtg cgcttgtgtg tgtgcgtcta tatgatagat acttgccaca tgtttaatga 180
 ctgatcagaa agtgagattt taaaatatac atatatatac acatgtgtgt gctttgagag 240
 cgggtgtgat atatatatga tagatactta gctgatcttc acaccacaac attaattctgc 300
 ccaccatgaa cagaagcact gctatcaagt atcagccttc ttgtataata acaggaaatt 360
 cagaacattg an 372

<210> 1800
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1800
 gttggttttg tttttacgat agttttatcac aatctgtcag tgttttaaat gcatgtatct 60
 tttgatcccg cagtttctat aacattctct cttacggata taccatact tgtggtcaca 120
 tataccatat ttcattcaat ctaaaacact ctaaatagta caaagtgcta ttattttatg 180
 taccattaag aaaacaaaac ctaccgcttt aactatgaca cagtcctttc atatcactta 240
 gaattgcgtc ttatactcat taagaccgct cctagctg 278

<210> 1801
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (357)
 <223> n = A,T,C or G

<400> 1801
 agacaagggt tcaccatgtt ggccaggctg gtctccaact tctggctcaa gtgatccacc 60
 cacctcaacc tcccaaagt ctgggtttac aggtgtgagc caccatgccc agccctacaa 120

ccaactgggtt	tttgacaaaag	gcaacagtaa	tacacagtgg	ggcaaggaca	ttctcttcag	180
taaatcgtgt	tgggaaaact	ggataaactg	cagaacaaaa	ttagaccctt	atctctcacc	240
atatacaaaa	atcatcttgg	gttataaaaa	aaacaggacc	tgaaactatg	aaactactag	300
gagaaacaag	aaaagctatg	tgacattgat	ctgcaccatg	attttgtatc	tatgacn	357

<210> 1802

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1802

cccccttcac	ggctttgcac	aagtggcctt	ttataaaatt	accacttgct	gtttgccatt	60
ctgcctctga	gggactgaat	ttccaacccc	ccatgggatg	gtataaggag	atggggactt	120
tggggggtaa	ctaggtttat	aagaggccat	aaggggcttg	gcctagaggc	tcacacctgt	180
aatcccagca	ctttgggagg	ccaacacagg	aggatcactt	gggcccagta	gctcaagacc	240
agcctgggta	acacagggag	atcctgtctc	aaatcaaaat	aattaaattg	ttaaaaagat	300
aagaatatga	tagaacaggg	catgaagggtg	gggccccctg	gatggcctta	g	351

<210> 1803

<211> 410

<212> DNA

<213> Homo sapiens

<400> 1803

ggcacgaggt	cggcggaaag	tttggctgcg	cgggttcccc	cgaagtccag	agtgaagaca	60
tttccacctg	gacacctgac	catgtgcctg	ccctgagcag	cgaggcccac	caggcatctc	120
tgttgtgggc	agcaggggcca	ggtcctggtc	tgtggaccct	cggcagttgg	caggctccct	180
ctgcagtggg	gtctgggcct	cggccccacc	atgtcgagcc	tcggcggtgg	ctcccaggat	240
gccggcggca	gtagcagcag	cagcaccaat	ggcagcgggtg	gcagtggcag	cagtggccca	300
aaggcaggag	cagcagacaa	gagtgcagtg	gtggctgccg	ccgcaccagc	ctcagtggca	360
gatgacacac	caccccccca	gcgtcggaac	aagagcggtta	tcatcagtga		410

<210> 1804

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1804

cggtgctgtc	ggcgatcctt	cccggcaact	ttttcgagaa	aaatgcccaa	attcaaggcg	60
gcccgtgggg	tgggggggtca	ggaaaaacat	gcgcccctgg	ccgatcagat	cctggctggg	120
aatgcggtgc	gggcgggggt	ccgggagaag	cggcgggggtc	gcgggacagg	agaagcggag	180
gaagagtatg	tggggccccg	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag	240
gaggaactcg	aggccgagca	tgggactggg	gacaagcccg	cggcgcccg	ggaacgcacc	300
acgcggctgg	gtccaagaat	gcctcaggat	ggatcanatg	acgaggacga	ggagtggccc	360
accctggaga	aggctgccac	aatgacagca	gcggggccatc	atgcag		406

<210> 1805

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1805

gagcacacct	gcacacactg	gaacacacct	atgcacacct	gcacacacct	gcaacgctca	60
tcgtccctat	gtgacctgga	gcaagttatc	taacctcttg	gtgcctgagc	ttccttatct	120
gtaaggatgat	agtgatgatg	cccccccca	gagagctgtc	atgagaatga	aatgaggatga	180
cgcccttaca	ggtgtgtaag	ggcgatacct	ggcacactgt	ggggccatct	gagggttgct	240
catcatcccc	catcccgga	gcttgccacc	gtgccaggt	gtgcagccca	cagacagctg	300
cagctgccat	ggtcacagga	gatcacaag				329

<210> 1806

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1806

aaatacaaca	gagaagctca	acagagccaa	aaattgtttc	tttgaaaata	ctagtaaaac	60
tgactaacct	ctgatgtgac	tgaccagtaa	caaattagtg	atgcaaaaat	aacccatgag	120
gaatgaaaag	aggaacctaa	ttacagatgc	cacagagatt	aaaaagatag	aagaatacaa	180
tgaactttat	gccaataaat	cttaaaagtt	agatgaaatg	aactcctgaa	aagaaaactt	240
aaactgtccc	aagtagaaac	agaaaacttt	gaatattcct	aaaactactt	cagaaaatga	300
atcagtagtt	aaaaatctac	c				321

<210> 1807

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1807

ggcacgagaa	gaactcttgc	tcacatcatc	taagagattg	caoctgctga	cctagagatt	60
ccggcctgtg	ctcctgtgct	gctgagcagg	gcaaccagta	gcaccatgtc	tgtgactggc	120
gggaagatgg	caccgtccct	caccagagg	atcctcagcc	acctgggcct	ggccagcaag	180
actgcagcgt	gggggacct	gggcacctc	aggaccttct	tgaacttcag	cgtggacaag	240
gatgcgcaga	ggctactgag	ggccattact	ggccaaggcg	tggaccgcag	tgccattgtg	300
gacgtgctga	ccaaccggag	cagagagcat	aggcagctca	tctcacgaaa	cttccaggag	360
cgcacccaac	aggacctgat	gaagtctcta	caggcagcg			399

<210> 1808

<211> 129

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 1808

gcttccggtg	ggcttggtac	tgatcgcncc	aggctctaca	gagtgacggt	ttaattcctg	60
ggtcctggag	ctacttctgt	ggttccatgt	ctggatctgt	atgttccagt	aagcgtactc	120
ggtaatctg						129

<210> 1809

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1809

cacctcaatt	aaaaagcaga	tactgctagt	ttggatgaaa	aagcaagata	caactatata	60
ctgcctataa	gaaatagact	ttaaatataa	aaacacaaat	aggtacaata	agaatatgga	120

agaagatatt	ccatgttaac	aataaaagaa	agctgaggtg	gctatattac	tcaaagtaga	180
ctgcagtgc	aagaatatta	taaagaataa	aggcattat	aatgataaaa	ggcgcatttt	240
atcattatgt	tctctgacta	caatgtaatt	aaattagaaa	tcaataacat	gagattatct	300
gaaaaatact	tgggggaaaa	atacacacgt	ctaagtaacc	catgggtcaa	ataagcaatc	360
aaaaggaaga	ttaggaaata	ttctgaa				387

<210> 1810

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1810

cctctgaaac	ttgggttgcc	catccaaaga	gggggtgaca	atcctgtctt	gccaaagactg	60
ctgtgaggat	tcagcttata	agtcataaaa	tgtagtcggc	tggctgggca	cagtggctta	120
cacctataat	cccagcactt	tgggaggcca	aggcaggagg	atcactagag	cccaagagt	180
tgacaacatc	gtgtgccatg	gagagagacc	ccatctattc	aaaatacaaa	actatatgtg	240
cgcggggggg	cgtacctctg	gattcccatc	ctcgcgaggc	gctgacgcga	gctaattgtga	300
tcagcccggg	cggctaagcg	ttcaccgacg	cgagtatgcg	ccactgctta	tccctctgtg	360
caacagaaaa	cgactttttt	gaaagata				388

<210> 1811

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1811

aaaaatccaa	gttcatttgg	gatcttggtt	acttatcatc	tagataaaaa	gtttgcaaac	60
tatagccaaa	gggcccacac	ccacctgcca	cctgatttta	taaataaagt	tttactggag	120
cataactgca	cctatttggg	ttgttttggg	ttttgagtcg	gagtcctcgt	gtgttgccca	180
ggctggagtg	cagtggcacg	atctcagctc	actgcaagct	ccgcctcttg	ggttcacacc	240
attctcctgc	ctcagcctcc	cgagtaggtg	ggactacagg	cgcccgccac	cacgcccggc	300
taattttttg	tatttttagt	aaaaatgggg	tttcaccgtg	ttagc		345

<210> 1812

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1812

tttacctcat	tggttatatg	tactcctagg	tatgggtggg	tttttcttgt	gcatgacgca	60
agtattaaat	taaacctctc	atgttatact	ttatcttatt	ccttacaata	gctcagacag	120
tagatcatct	ctgtttccac	tcaaatgcac	cagaagcctg	agtgtgtatt	ttatttattt	180
atttaaaaac	tgaatatcac	tctgttacct	atgctggagt	gtggaggggc	catcataaat	240
tattgcaacc	tttaacactt	agtcttaaag	gattctccca	cct		283

<210> 1813

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1813

caaatatcct	cagtaaagta	ctggcaaaca	aaattcaaca	gcacattaaa	agatttatat	60
gccgtgatca	agagaaattt	atccctgggt	tacaacagtg	gttcagcata	tataaatcag	120
ttaatgtgat	atatcacatt	cacagattaa	aagcaaaaaa	cacatatata	cctcaataga	180
tacagaaaaa	tattttttta	actcaacatc	cattaatgat	aaataatatt	taacaaaaata	240
ggtataaaaa	acttacctca	ataactaacat	aataattaat	agacaaagaa	gcctgaaaac	300
tttttctcaa	ggacccagta	gaaaacaagg	a			331

<210> 1814
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 1814
 tttccgtttg ttgagacttg ttctatagca caaaatatag tctaatttgg aaaatgttct 60
 gtgtgcattt gaaaaggata cacatttgaa aaagacatgc tattgttgaa tagagtgtcc 120
 tatcattatc tgttaggtta agttgttgac aatgttattt cagggttctt tgtagatttg 180
 cttatttctc tttctagntc catttgttt tgccatacat atttaaaatt ctgttattag 240
 tgattaattt tttaggactt ttatgtcctt ttgatgaaat gactcactgc ttattagtaa 300
 atgaccttcg tgaactcttg gtttcattct tggggg 335

<210> 1815
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1815
 catttacata tacttgaaaa tcattgctat taattttctaa tttattttct ctttttgtca 60
 gataatacac ttcgtaggat ttgaaacctt ttccgtttgt tgagacttgt tctatagcac 120
 aaaatatagt ctaatttggg aaatgttctg tgtgcatttg aaaaggatac acatttgaaa 180
 aagacatgct attgttgaat agagtgtcct atcattatct gttagggttaa agcgctgaca 240
 atgttatttc agggttcttt gtagattagc ttattttctc ttctagctcc atttgctttt 300
 gcctaacata tgtaaaaattc tgatattaga g 331

<210> 1816
 <211> 322
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 1816
 tctatccagg tatccatcca tccatctctc cctccctcct tccctccctc catctctccc 60
 ttcatccatc catagctcta tcctatcacc catccatcta tccctttatc caatcatcca 120
 gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca 180
 tctatcccct attcaccctc cctccatgca atcaaccatc tatccattcc catttatcta 240
 acaaatcatg catncaccca cacacccaac attcaccatc tcattcaaca atccattcac 300
 ccattcacca ttacttaaca ga 322

<210> 1817
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1817
 gtacacacac atgcatatac atatgtatgt gtgcgcatat gcatacacgt ccatacacgt 60

gtacatatat	gtgcatgtgt	gcgtgcatac	acacatgtac	atacatatgg	atacatacac	120
atgtatacat	atacatgcat	gcaggcacat	gtatacatgc	atacatacac	atgtatttaa	180
gccagagatt	gcacactggg	gccctaagag	ctggatattg	gccagatgt	gttttctttg	240
gtctacatta	aatttttttt	ttcctttttg	agacagaatc	ttgtcctgtc	accaggc	298

<210> 1818

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1818

gggcagggtct	tttcctttctt	cctccacttc	ccctaccctc	caccgtccgg	gagccgccgc	60
caccgccgcc	gaggagtcag	gaagttcaag	atggccgccg	cggagacca	gtcgctacgg	120
gagcagccag	agatggaaga	tgctaattct	gaaaagagta	taaatgaaga	aaatggagaa	180
gtatcagaag	accagtctca	aaataagcac	agtcgtcaca	aaaaaaagaa	gcataaacac	240
agaagtaaac	ataagaaaca	taaacattcc	tcagaagaag	acaaggataa	aaaacataaa	300
cataagcata	aacataagaa	acacaaaaga	aaagaggtta	ttgat		345

<210> 1819

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1819

tgattttctca	ccctcccaaa	cacttacctt	atTTTTttct	ctatatctgc	atgggtttgt	60
ttccttaata	tattccagga	aatttatatt	tgggttggcc	tactggagaa	gttatgatga	120
atagaaaagt	gtgaagaaga	accttctatt	ctcctcacag	tatacggcaa	agagcgtgca	180
attgccccca	caatatcatt	gtggaaagg	catattactg	agactagcta	gtaacacatt	240
agcttacaga	attctcattc	ttacgctata	atattacctt	cctcatcaaa	cttacctgac	300
cgcattgcttg	atgttggctg	attaagacat	aacacgctgg	tatttaccaa		350

<210> 1820

<211> 269

<212> DNA

<213> Homo sapiens

<400> 1820

cagcctccta	cagactttta	agtgccatga	gtctcaggca	attaaaacta	gaagtacttc	60
tacgtatgat	ctattaggtc	ctaaaagact	acttctatat	tcatttggtc	caaagttcag	120
agtgacacat	actatccaag	agacagctaa	tgggttttgt	tctggcacat	gacttgttca	180
tatctacaca	agttcacaaa	ttgaaaattc	ttaagagttt	ctggccaggc	acagcggctc	240
atgtctataa	ttccaacacc	ttgtgagga				269

<210> 1821

<211> 390

<212> DNA

<213> Homo sapiens

<400> 1821

cgttgctgtc	gctgctttgt	agagaataga	atataggaaa	gcaagaatgg	aaacagagct	60
attaggaggc	tattggagaa	taatgcagat	gagagattat	tacactgtct	gaactaagga	120
ggtggcggtg	aagggtgtaga	gaagatggat	ttttttttta	acggtcccac	tgtctagagt	180
gcagtggcgt	gatcacagct	cactgcaacc	tagacctcct	gggctcaggc	gatcctcca	240
cctcagcatc	ctgagtagct	gggactatag	gcgcatgcca	ccatgcctgg	ctaatttttc	300
gtattttttt	gtagagattg	ggtctctcca	cattgccccg	gctgctctcc	aacctctgag	360
ttcaagtgat	tcacctccct	tgacctccca				390

<210> 1822
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1822							
cacacctgta	gtcccagcta	ctcaggaggc	tgggggtggga	ggaacacttg	agcctgcatt		60
tcgaagcttt	gcattgatgc	tgcaccccag	cctgggtgac	agagcaagac	ccggtctcaa		120
aaagaaaaat	aaaacactaa	tcccttcctc	agaagaggag	gtaaaatcct	tgagtgatgt		180
ttactcttct	tcatatccca	taactcagat	attatgatgc	aaaattaata	atacttaata		240
ctatgacata	aagttaatac	atcttatgtt	acattatgag	ggaataaaaag	agaaaagaaa		300
atgaagatat	ttgcttgata	tacacacaca	taaacatata	aataacaaaa	tgaggaaata		360
ctcatggcaa	tcatagtcc	aggggtcca					388

<210> 1823
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1823							
cagaagaagg	attgattatg	atacttactc	agaattttcc	aaaactgata	aagtacatta		60
gccaacagat	tcaagaagct	ctctgactct	aagctgaata	aaaataaaaac	cacttttagca		120
aaaaatctaa	ctctaagctg	aacaaaaata	aaaccactcc	tagcaaaaaac	aaacaacaaa		180
aacttcaaag	aagcaacagt	ataactgatt	actgctcagc	aaaaaatgat	gcaaaccaaa		240
agacaataag	aagaaatctt	taaaatactg	taagaaaatt	actgttcacc	tagaatttta		300
taccaatta	atatatcctt	caaaactgaa	tgcaaaatag	agatgtattc	agacaaaaac		360
cag							363

<210> 1824
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1824							
tttctaaaag	tactaaaaca	gccttaaaaa	taacaaggaa	aaccaaat	aaaatttta		60
tacttattgt	aaagctagaa	taattgattc	tgcatgggtt	ggaaaaacaa	gatataattca		120
gcaatgaaac	aggatagaaa	atcaagtaat	agacacgcac	atatgtgggc	aatcgatgtt		180
caacaaaact	gccacggcaa	ttcagtagaa	gaaaagcaat	ctcttcaaga	tacgttgctg		240
gaacaattgg	agagccatct	acaaatgaac	ttcaatcttt	atctacctca	acaagaaaca		300
cagaatagat	gagaaaacaa	atgtggggagc	taaaaatgta	aatattctag	aagta		355

<210> 1825
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1825							
cgttgctgtc	ggcgtctacc	acggcctgcc	cgccagccac	atggagctgg	cccaggagct		60
catggagact	tgttaccaga	tgaaccggca	gatggagacg	gggctgagtc	ccgagatcgt		120
gcacttcaac	ctttaccccc	agccggggcg	tcgggacgtg	gaggtcaagc	cagcagacag		180
gcacaacctg	ctgcggccag	agaccgtgga	gagcctgttc	tacctgtacc	gcgtcacagg		240
ggaccgcaa	taccaggact	ggggctggga	gattctgcag	agcttcagcc	gattcacacg		300
gggtcccctcg	ggtggctatt	cttccatcaa	caatgtccag	gacctcaga	agcccagacc		360
tagggacaag	atggagagct	tcttctctg					388

<210> 1826
 <211> 354

<212> DNA
 <213> Homo sapiens

<400> 1826
 ctccctgcaa actcaacctc ccaggctcag gtgattctcc cacatctagc ttaatgtatt 60
 aatgatgtaa tagacaatta ctggccaggc gcggtggcca gagcgagact ccatctcaaa 120
 aaagaaaaga aaagaaaaga aaattactgg cggcaagcag gaacattgta gattttgaaa 180
 ctgtcttggt ttacaagata ctgaagcaag gtggtgcaat tattacgtcc ttctaaagct 240
 gatcggataa aggctttaat tttgtaattt tcagagaata ttaccaatgt agcaagattt 300
 accaataacc aatggttgct tgaagacaaa agaggttggt ggaacttgct taat 354

<210> 1827
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1827
 aatgggggcc tcgaagatag taatttctta tgtcctaagc taggggggtat gcatatggga 60
 gttcgtttta ttgccattct gtatgactca cacatgtcag aaatattctt tggcttgta 120
 ttttaaaata caagtgggcc aggtgtggtg gctcacacct gtaatcccag cactttggga 180
 ggccgagtc agcggatcat ctgaggtcag gagttcaaga ccagcctggc caacatgggtg 240
 aaaccccgtc tctactaaaa atagaaaaat tagctgggtg tgggtggcaca cacctgtaac 300
 cccttgnag actgaggag gagaatccct tgaacccagg ag 342

<210> 1828
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1828
 actacggttg cgagatgacg acagacaggg atactgtggc actgacctca accctggggg 60
 acagagtaag actctgtctc tgtcaatatt gtgatgctat tgcttttttt gtaactttta 120
 taccgctgag aacacagaga gactgcgacg tatagaccct actaagggct ttttgtctgg 180
 ggagcgtgtg ggggagtaga agtaaaactt taaaaattca agatagaatc gtgatgagca 240
 agcctcatgc acatgcatga ggatggctac taccaaaaag gcagaagata acaagtgttg 300
 gtgaggaagc agagaaaactg gaactctcat gcagtggggt tgagaaggta atatagtga 360
 gccgcggctg ggt 373

<210> 1829
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1829
 tattactgct ttcttttggt ttaaataagga tttttctaata gtactatttt aattcctgtg 60
 tagtttcttt tgctatctat tttttagga ctattaatac taaatttata ataacctagt 120
 ttaatgtcta cttaactctca atattttgta aaaactttgc tcttatacag tcccatttcc 180

tcttctttta	tttatctatt	ggtgctgtgc	aaattgtatc	tttatacaca	gtatgcccac	240
cagcacggat	ttataattat	tgcttttttt	ataccattgt	cttttanatc	aaacaggaaa	300
aatattagaa	acaaaaaatt	catctatact	ggctttttata	tctactttatg		350

<210> 1830
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 1830						
tacgggtcca	aaaaaacaac	aaaggggtacc	gcttgcaaaa	tactacaaaa	gggttccgct	60
gccaaaatac	tacagaagg	taccgctgcg	agaatactac	agaagggttc	ggctggggga	120
atactacata	agggttccgt	tgcgagaaaa	tctataaaaag	gggtccggctg	ggagaaaact	180
acagaagggt	acccgctgcc	gaaaagacct	cataaagggt	tctcgtctgt	agataaattg	240

<210> 1831
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 1831						
tacgggtgcg	ataagacgac	tgaagggtac	ggttgctata	tgacgacata	tggggagcca	60
gtttctatgt	ctttggaagt	gtcgtgtagg	tggtcatctc	tgcttatctc	cgctttctct	120
taacgtccgg	c					131

<210> 1832
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1832						
taccgctgtg	agaacactac	tgaagggtcc	ggctgcgata	cgactacaga	agggcaccct	60
gatcactact	gctggcatcc	acgcctgcc	tccacaggct	tggggacatg	tccaccttgc	120
ccaccttgcc	cactgccacc	accactgggtg	cccaacgact	atctggtcta	gagttttcat	180
gcctagcaaa	gcctcaaaca	gtcttcagta	acaaacacag	gctaagccaa	tgagaaactc	240
atagatacca	ctgacactag	ttatagctac	ctaaatactt	cagagggtac	actactgccc	300
taccctgtat	caccaccaaa	gcctcctacc				330

<210> 1833
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1833						
gattgcataa	gctaaggagt	ttgagaccag	cctgggcaat	atggcaaaac	cccatctcta	60
caaaacatac	aaaaattagc	caggtatggc	agctcgcacc	tgtagtccca	gctacttggg	120
gggcagaggc	gagaggatca	cctgagactg	ggagggttgag	gcagcagtga	gttgagatca	180
tgctactgta	ctccagcctg	ggcaacaaag	tgagaccccg	tttctttttt	ttttttgaaa	240
acaaagcttg	gttttgacac	caagctgggc	gtccagggcc	ccaatttgtg	ttaatggaag	300
gcttggcttc	caaggttcac	accatttttt	gggtaaagcc	tccaaaagaa	cttgggaacat	360
aaaagccccc	cct					373

<210> 1834
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1834
ggcacgaggt aatcccagct actcgggagg ctgaggcagg agaattgctt gaacctggga 60
ggtagaggtt gcagtagccg agattgcgcc attgcactct agcttgggaa acaagagtga 120
cactccatct caaaaaaaaaa aaaaaaaaaaag ggggtccttt ggaattttta aaaaaaaaaa 180
aaaagggggg gggggaaggg aaaaagggat caaaaagggc caaaaaaaaaa gggggaggga 240
ttttgggggc caaatttgaa aaaggggggt ttcccccttt gaaaagggcc atttttttta 300
acgggtgaaa gtttccaaaa aggccggggg ggaaaaaaa ggggggttaa ttttttccc 360
aaattgggaa aagaccctt tgtttttttt cca 393

<210> 1835

<211> 376

<212> DNA

<213> Homo sapiens

<400> 1835
cacctcaatt aaaaagcaga tactgctagt ttggatgaaa aagcaagata caactatata 60
ctgcctataa gaaatagact ttaaataata aaacacaaat aggtacaata agaatatgga 120
agaagatatt ccatgttaac aataaaagaa agctgagggt gctatattac tcaaagtaga 180
ctgcagtgc aagaatatta taaagaataa aggtcattat aatgataaaa ggctcgatttt 240
atcattatgt tctctgacta caatgtaatt aaattagaaa tcaataacat gagattatct 300
gaaaaatact tggggaaaaa atacacacgt ctaagtaacc catgggtcaa ataagcaatc 360
aaaaggaaga ttagga 376

<210> 1836

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1836
gcatgtcta aaaccaaata gggaaaatat aaaaccaggc tgggcaagggt ggctcatgcc 60
tgtacaatgc ttggcacaat gcctggcaca tggaggccaa ggtgggaggc tcaattgaga 120
ccatcctgga caacgaagt agaccctgtg tcaaaagaaa aaaacagagg gagagagaga 180
gcgcgaaaac tacaacagag aggtgacaat cttccggggg ggcttatttt gaaaaatttt 240
tccgcctgtt tctcacttaa aaaaaaagg gccacacttc taagaaaaag gggg 294

<210> 1837

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1837
ctggccaaca tggagaaaac cccatctcta ctaaaaatc aaaaattagc tgggcgtgca 60
cctgtaatcc cagctactcg ggaggctgag gcaggagaat cgcttaaac caggaggcgg 120
agggttgagt gagccgagat catgccactg cactccagcc tgggtgacag agtgagaccc 180
cgtctcaaaa caaaccaaca aaaaacagag ccagggtgtg tgggtgtgcac ctggaacata 240
acttctcaca acgctgccgt gggaagactg cttgaacctc caggagcgcg aggaacactc 300
tggtcatacc aaccgaggtc tcaaatttca aaggcatttc tttc 345

<210> 1838

<211> 262

<212> DNA

<213> Homo sapiens

<400> 1838
tgggcatggt ggcaaacgcc tgtaatccca gctactgggg aggctgaggc aggagaattg 60
cttcaacccg ggaggcagag gttgcagtga gctgagatcg cgccattaca ctccagcctg 120
ggcaacaaga gtgaaactcc ctctcaaaaca aacaaaaaca aaatatctat ggtgcatgta 180

ccaagccagt aacattgtgc ccaacaccaa ctctatgcag catccttcca tgaaaccact	240
gtattgaaac tgtcatcttg gg	262

<210> 1839
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1839	
aactgttgta tttttaatag acaatttcac gacgttggcg aggctggctc tgaacccctg	60
acctcaggtg atccaccgcg ctcagcctct caaagcgtg ggacaggcgt gagacaccgt	120
gctgggacag tagtaacttc taatggataa tgtatgcgtg gggaggaaaag gggagtacca	180
gtatttttat ttcaaacaca tatacaaaac accagcttgc aattcacctt gaagaaccct	240
cagcacagag cagtttcata agtccatgcc atcgtgccat atgccttctt cactggcc	298

<210> 1840
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1840	
ataacctcta tgcatacttc tttttagctg aagtatgccg ggccctgtctc taacatatta	60
tgcataattg tgataccatt aagtagagag ggtttttaaa taataatctg actcaaaaga	120
aaaagacaaa attgaatata atgaactcca aggagataca ggaattgtac agattgctta	180
gagtataaga aacttgctta agtatgtgaa acttgattgt gattagaaaa aaaaatttat	240
ttaatcctgt tgttcctagt tattcaacat ttggacgccg taaaagaaaa aatgggctgg	300
gcacagtggc tcacacctgt aatc	324

<210> 1841
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 1841	
taccgctgcg ataagacgac acatggctgc ggttgcgagt actcaacaga ctgggacggg	60
tgggagacct cgacacaggg gtgcggctgt gagaagaccc aagatagtgc cgctgcacat	120
aagactacg	129

<210> 1842
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 1842	
tggtatccac aggaggtcct gtaagcaatt tcctgtggat acttagggat gactgtacat	60
ggttataaaa ggaaattgat cagagttaaa gagagattta gtgagctgaa gaaagtcagt	120
agaaaatata tagactgaag catgcaaaca aaatatatgg aaagtacaga aaatagcatt	180
agagatgtac agaaccttat gcaaaggggtg aatatgaagg aacctggaga tccccaaggg	240
agagagaat	249

<210> 1843
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1843	
caaaccacca ccactaagta aaccaaaca tgcatgatca actggaaaaa aatgcaact	60

catagcaaag	actatacata	aagagctttc	agaataaaga	agaaaaagac	caacaacata	120
gtgggaaaat	gtctgaaatt	caaaacacac	tccacataaa	aataaacaca	aaatgacatt	180
taaatacatg	aaaatatgat	caaccttact	tataataaca	gaaatataaa	ttaaagctat	240
aacaaaatac	catttctcac	ctaccagcaa	aaatccaaaa	ggttgacaac	agattccatg	300
ggtgatgttc	tagggaaaca	ggcactttca	catactgctt	gcat		344

<210> 1844

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1844

tcaccatggt	ggccgggctc	gtcttgaact	cctgacctca	agtgatctgc	ctgcctcagc	60
ctcccaagt	gctggaatta	cagggatgag	ccaccacctt	cagcctgact	ttggcccctt	120
ttaatagtaa	aacaataggt	tttctggaaa	ctctgaaaca	gacttctggt	tatatatcat	180
tggctataat	catgtcaact	atgaccaccc	ccaactttat	gtttgattta	cggcacattg	240
gccaaaataa	ctgaacataa	tcgcgttaca	tttaaaaaga	accacgggtg	gcactggcgg	300
gtcttagttg	taatcccaac	cctttgggag	gacaaaaccc	atggggtcact	tggggccagt	360

<210> 1845

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1845

ttgcaggcag	actgtagccc	catttttagt	cctgtttggt	tgacttaagg	ttcagtgagt	60
cttgtgtaac	agttgtcctt	cttgtcagct	gtctttcaac	tgtgccgttg	actggtgtct	120
ggttgtggga	ttagtgccat	catgaagact	ggctaattgt	tttgcatgta	gtgcctcatt	180
cctgctacag	gaggaggtca	gaaaggtaaa	accaggccag	gtgtgggtggc	tcacgcctat	240
aacccaaca	ctttgggagg	ctgaggcagg	agaatcactt	gagggtcgggt	ttgagatcac	300
cctgggcaac	atagtggagc	cttgtcttcc	ctcccaccaa	aaatagggtga	gagtgcgct	359

<210> 1846

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 1846

ctacggctgc	cagaagacga	ctgaagggca	gctaacatca	tacttagtgg	tgagaaactg	60
cctttcttct	aagacagaga	ataaggcaaa	gataaccctt	ctcaccactc	ctattcagca	120
ctgtactgga	agctctagtt	gccgccctaa	gacacgataa	ggaaccaaaa	gatgtacaga	180
ttgcgaagga	agaaataaaa	ctgtccttgt	ttgcagatga	catgactgtc	taaagaacct	240
tgaacaatg	aagtgactat	agcaaagtta	caggatacaa	ggttattata	cacagccaat	300
tggattccaa	aatgccagcc	accaccagcc	agaatttata	atcaaaaaga	tactatn	357

<210> 1847

<211> 162

<212> DNA

<213> Homo sapiens

<400> 1847

taccgctccc	agaagtcgac	cgaaggggtg	ggatgtttgt	agggatgtat	atttggtatt	60
------------	------------	------------	------------	------------	------------	----

gtggcaaggt	acacataaca	ttaaatatgc	tatctgaaac	tgtgtaagcg	tatagttcag	120
tagcatcaag	tacattcggt	ctggtgtgca	atcataacca	cc		162

<210> 1848
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1848						60
gcccaggtgg	agtacaatca	ggcgataagt	ctcctgaatg	agggggcaaaa	ggagagactt	120
cgggagcagg	aggagaggct	tcaggagcag	caggagaggc	ttcgggagca	ggaggagagg	180
cttcagcagc	tggccgagcc	acagaacagc	ttctaggagc	tgggtgcgttg	ccccagctgg	240
ggagcctgcc	ctcctcccta	gccctccagg	cctttgtttc	cccacctata	aaatgtggca	300
gagtagccct	caagtgaat	gttactccta	aaggcacctg	tgagccagag	acctgctctg	337
gtggctgtgg	gagacagggg	aagacttttc	taacctg			

<210> 1849
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 1849						60
ggttcttaga	atgtatcccc	catggataaa	gggggactac	tgcacttggt	cttttgagct	120
cattcacaga	catgcacaga	gtggcaaaaa	atttaaataca	ccctacatgt	actttctggg	180
tgaggtcaaa	gtttcactct	gtcttctcat	ttcagctctt	atgctataaa	caagtatcct	240
tttccacagt	ctatttagag	tcattttttt	ttttgcattt	ttgcgttttt	tgtggggaat	300
tttgctgttt	aaaaaggccc	ctaaccataa	tgttcagttg	ttacctaggg	tccttaaagg	354
caagaaagct	atgaagggcc	ttactgagaa	aatacctatg	gaaaaagagg	ttct	

<210> 1850
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1850						60
gctgggatta	caggcatgag	ccaccgcacc	cggctgcttc	caaattaatt	tttgattatg	120
atcaaaagat	tccaaagaat	cgcttaagca	taggagttca	agaggctgca	gtggggccaag	180
atcacaccac	tgcactccag	cctgggggaca	gagcaatacc	ctgtctctaa	aaaacaagaa	240
gattcctaca	gagcatgaag	tcaagcaagc	ataacaaatt	ggagaagctc	aataacagca	300
aagtggggcc	agccatccat	atacattcat	ttgctatgag	gatgtctcag	ccatagggac	324
cagacacacg	agtcttccaa	cagg				

<210> 1851
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 1851						60
gggggccttc	actccctgga	gttccaaccg	cagccatcct	tgtccccaca	acttctgcag	120
tgtcccaggg	cttgctcac	tctaactcag	cccactcaca	cttatcacgt	gacttcatcc	180
taaacaacaa	taaccttgaa	atctggaatc	tgtcttggtc	atgttcttac	aaactcatgc	240
tgaaataaat	gacagcagcc	caggctggct	gcagaggctc	acacctgtaa	tcccagcact	300
ttgagaggcc	aaggcaggag	gagttcaaga	acaccctatg	cgagatccca	tctctacaaa	360
aataaaaaat	tagctggggc	cgggcgcagt	ggctcaggcc	tgcaatccca	agcactttgg	364
gagg						

<210> 1852

<211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1852
 tattcccatt ttacagataa gaatcctgag gcttagagag ttcaagtgac ctaccaagg 60
 gcacatcact gataaagggc agaggtggga ttcaaaccce catctgtcag gtgcaagtgc 120
 aaggctcctt ctccatcatgc tcaactgcctg ctgggggaata gggcactggg gacatacccc 180
 agggagccct tccatcatgtt ctgagtcoca gttcatccca tgctgtctatt ttgctctccc 240
 aggagcatct ggactcccta gacagagccc cagctttctca cctgtccctc tctaaatgct 300
 gctctgcagg cctgtgatcc tgga 324

<210> 1853
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1853
 ctaccctgcc ctgtctctaa acttttatta ttatccctac agaattgcat tcaaccttcg 60
 ctcaaggccg ggtgtggtgg atcacacctg tgatttcaac actctgtgag cctgaggcgg 120
 aaggattgcc tgatgtcctg attctcactg tctgtctggac aatatagcaa tactccctgt 180
 gtcccagaag cccttcctca tgatctgagt ccccgttcat cccatgcttt tattttgctc 240
 tgccggggagc atctcgactg cctaaacaga gcccccaact tctcacctgt ccctctctaa 300
 atgtctgtct gcaagcctga gatcctgg 328

<210> 1854
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 1854
 gcttggtccc ctgcatcctc cacctcccgg gttcaagcag atctctgcct cagcctcccg 60
 aatagctggg attacaggcg cctgccaccg tgccctggcta attttttgta ttttttgtag 120
 agacaggctt tcaccctctt ggccaggctg gttttgaact cctgacctca taatacacc 180
 accttggtcc tccatagagc tgggaagaca ggcgtgcacc actgcaactc gccaaaaaat 240
 attcacttat cagcgcctaa tgccatgcgg ctgttaatcc agctattctt gaggatttag 300
 taccgggatt gcattgagcc caccgggttt agagctgatt aaccttgaca taatatcatg 360
 gctctctaag ggggg 375

<210> 1855
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 1855
 cccaaagtgc tgagattaca agcgtgagcc actgtgcctg gccttttttg ttttgatctt 60
 tgtttttggt agaccctctc agtccgttac ccaggctgga gtgcagaggc acaaccatga 120
 ccatagctta cctatgggct cctaagctca agagatgctc ctgccttagc cacctaccca 180
 ccaagtggct gggactacag gcatgcgcca ccactcctgg ataatttttag catttttttg 240
 tggaaaagga gctgcatggt caggagcata ggctaaggcc tggcaccoca acgctttgga 300
 aggccaaggc agatagatca cctgaggtca ttagatgaag accaan 346

<210> 1856
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1856							
tgacagaagg	gtaactgatt	actgctcagc	aaaaaatgat	gcagaccaa	agacaataag		60
aagaaatctt	taaaatactg	taagaaaatt	actgttcacc	tagaatttta	tacccagtta		120
atatactctt	caaaactgaa	tgcaaaatag	agatgtattc	agacaaaaac	caagaaaact		180
ttgcactagc	agaccaaaca	tgacacagaat	gagaaaactaa	aggaaattct	tcaagtagaa		240
tgaaaataat	gccaggtaaa	acatgaaaat	acaaaaggaa	atgaacagtg	acaaggataa		300
atgaatactg	agttttacaa	cagtgaatgt	aatgtcctgt	ggg			343

<210> 1857
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1857							
aaggaacaaa	agatatata	gacaacagga	aaacaacaaa	atggtggatg	ttaagtcctc		60
acttatcaat	aataaccttg	gctgtaaaca	gactaaattc	ccaactgaaa	agatatagac		120
tagctgaatg	aattaaaaaa	aaaaaaaaac	ctaggtatat	gctgcctaaa	aaaaactctt		180
ttcccctaaa	aagacccttt	tgaaataaaa	atagggggagg	gaaaaaaaaat	ccttccaatg		240
ggaacccaaa	agcaggggaa	aatagctttc	cttatttcag	gtaaagcaaa	ctttaaacca		300
aaaagaaaaca	gggttttttt	catttcccca	gaaaaatgta	ccatttggtaa	acatc		355

<210> 1858
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 1858							
ctgtaggaca	atttaaaaag	gtaaaatgta	tgcataatag	gaatccaaga	cagaaaagaa		60
agagagaagg	aaacagaata	cagatgctcc	tcactttaag	tcctagtaag	tccatcctga		120
gtgaaaatac	tgtcaggcaa	aaaggcatag	ctgactggaa	gctgaggcct	gctgctgccc		180
agcatagcaa	gagaagtatg	gtttctactg	aatgcatatt	gcttttgcac	cattgtaaag		240
ctgaaaaatc	attaaaatag	tagtcgaaga	aaaaatggct	gaaaactttt	caacatttac		300
gacagacacc	aaatg						315

<210> 1859
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 1859							
tttttaagtg	tacgatgaaa	ttcacctgtg	aagctacatt	tgtctagagt	tttctctggg		60
gagaagtgtt	taaattatcg	ctcagtttcg	tatatagaat	tctctcta	tttatttcct		120
tagcctgttt	tggtagggtta	ttgttttccc	agcatttgtc	catttaattc	aagtttgcca		180
atgtcttggc	atcagattat	tcacaatatc	actttaccat	tctaattgtc	acaggggcat		240
tcccttttta	ttccttacat	tattttcttg	gtgccttctc	cctttgtttc	ttttgattag		300
tctcaccagg							310

<210> 1860
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1860
 cggtgctgtc gaacaactgc ctcaggatat actcttttta atcagttattg taactaacct 60
 tggcttattt tactttttaga cttgggggttc tatttttgctt taaaacatgt acatcagttt 120
 tgttttttgt tttgatcttt tctttccctt tttttttttt ttttaaaaaa aagggatttc 180
 cctttgcccc cccattttttt aaaagtgggg ggggccccaa ttttgcccta actgcagcct 240
 tgacctttaa gcctaagggga accctcccc ctcaccctcc aatatagggg ggactatagg 300
 accccccccc caccgcgggt aaatttttgt ttttctgaa aaaccaaagt ttcccttgt 360
 ggtgaagctg ggattgaacc cccggggaca aaccaccccg 400

<210> 1861
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1861
 attccctatt agtatgacat ttacttttgg ttattagtag gtagtcatta acatgtttta 60
 gagtttccgc tattcctgtt ttatagtgtt attgctagaa gtggttcctg aattttataa 120
 aatgcctttt cagcatctat tgataaaatt gtatgatttt ttttctcttt aatttggtga 180
 tgtaatgaat tagaatggta ggcatttgat gtggaaccaa acttgatttt ctggaacaaa 240
 tactacttgg tcattgtgaa ataatgattt gctacatgag tggattttat ttaccagtat 300
 ttaatttaga attattgcat tctcattcca aagtacaatt ggattttggc cctctgatgc 360

<210> 1862
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1862
 cacatacgca tacctaacac atgtgcacac acgatcctgt ccccatcttc ctctccctgg 60
 atcctccgag catgcacact gacacagttg cacacatgca tgattgtgca tacacacacg 120
 tattcacagg cacacatcca tacacaccta caagcacaga agcatgcaca caccacatgc 180
 atgcatactc acacaaaagt gcacgcatgc atataccact tatatacaca ggcacacacc 240
 cgtacacacc cacatgcaca catgctcgta cacaagtgca cacatgcata tgccatacaa 300
 ttgtgcgtgc acacacacac atatatatac gaatatccca tgcattccaca tgcacacatg 360
 ggtacg 366

<210> 1863
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1863
 ggcacgaggg cagtacatgt acgatgatta ggttgcagaa tacatcgatt gcatcagcaa 60
 tgtggcgcac gttgggcact gccaccctct cgtgggtccaa gcagcacatg agcagaacca 120
 ggtgctcaac accaacagcc ggtacctgca tgacaacatc gtggactatg cgcagaggct 180
 gtcagagacc ctgccggagc agctctgtgt gttctatttc ctgaattctg ggtcagaagc 240
 caatgacctg gccctgaggc tggctcgcca ctacacggga caccaggacg tgggtggtatt 300
 agatcatgcg tatcacggcc acctgagctc cctgattgac atcagtcctt acaagttccg 360
 caacctggat ggccagaagg agtgggtncg cggg 394

<210> 1864
 <211> 235

<212> DNA
<213> Homo sapiens

<400> 1864
agatggagag ggaaagcatt tggaagacag aaactgaata cacaaattgc aaatatttga 60
aatgaacaag aggtcatttc ctacaaatta taaatgtaa aatgataagg gactattatg 120
agcaaccata tgccaataaa tttgtcaatt tagctgtaat agaataattg gccgggcgcg 180
gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggcggat cacgg 235

<210> 1865
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 1865
acgacagaag ggaccgcgcc cgcccgagag ttgactcttc agattcacaa ggtccacaga 60
gaaacactca gaggaataat caaaccaaac cttnnaaaaa aaaaaaaaaa aaaaaaggg 120
ggggggggtt ttttcggaaa ccccaactgg gaaaaaacct ttgggggggtt ggggccaccc 180
cccctttggg ggggggggaa aaaagggttt ttttgggaaa tttggggggc ttttt 235

<210> 1866
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1866
cggggattat aatattcaat caacgttatg aatgaaaagt gtattttgcc ttatactttc 60
aacacacaac ttactaacct aatatattca cttattaatc agataatttt gtgttaaaac 120
ttacaactct tattttcatt ggactttgat tgattaatta tacatttgac aaattaaaat 180
ctcaaacatt tatgcactgt tcacaaactt aaactgtctt aaacatataa agacacaaaa 240
cttatatata tagcaaattt aattctctga aatttttgtt ttgttttgtt gagacagggt 300
cttgctttgt caccagggcg 320

<210> 1867
<211> 229
<212> DNA
<213> Homo sapiens

<400> 1867
tacggccttt gcattttctg ttttctctgc ctggacgtgc tgtgcgcccata taaactcact 60
tggttaccc tcttgccctc ttcagggtcac tgctcaagtg tcttcttacc agagatgcct 120
tccttgacta ctgtctataa aatagtaaat gcggccgggc gcggtggctc acgcctgtag 180
tcccagcact ttgggaggcc aaggcgggtg gatcacgagg tcaggaaat 229

<210> 1868
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(417)

<223> n = A,T,C or G

<400> 1868
gcctacgggt ttcgttaaaa cgacacaaag ggcgggatct cggctcactg caagctccgc 60
ctcccgggtt cacgccattc tactgcctca gcctcccaag tagctgggac tacaggcgcc 120
cgccactacg cccggctaata tttttgtatt tttagtagag acgggggttc accgttttag 180
ccgggatggg ctgatctcc tgacctcgtg atccgcccgc ctccggcctcc caaagagctg 240
ggattacagg cgtgagccac cacgcccggc cggagtaatt ttacaaaaga gacttgtag 300
taactacctc atccagggtta tcaaattaac atcaacagtg attaaagcca ggtgataccc 360
tgtgcccggg atattatgtg atgagaatgg cacatttcct ttgagatctt cctcccn 417

<210> 1869

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1869
ggctaacttt tttgtathtt tagtagagat ggggtttcac tgtgttagcc aggatggctt 60
cgatctcctg accttgtgat ccacctgcct cggcctccca aagtgcctggg attacaggca 120
tgagccacca caccgacct cccttacatt cttaaaaatt atggagaacc ccaaagacct 180
ttgctttatg tgggttctat ctattaatat ttaccaaatt aatattaaag cggagagaaa 240
tttaagtatt ttcttactaa tttttaaaca ataaatttta atataatgaa ccctttacaa 300
gctaaagtaa gacggagtct cgctctgtcg cccaagctgg aa 342

<210> 1870

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1870
aatcttggct cactgaaagc tctgtcctct ggggttcaagt gattcacatg cctcaacccc 60
ccgcgccctg cctcaaggta gctgggatta cgggcgcccc acaccacacc cagctaattt 120
ttgtathttt agtacagatg aggtctcacc atgtcgggtc tgctgggtact aaactcctga 180
actcatgcgt ggaactaat ttaactttcc tcttggatga cctttgggtt tactaattat 240
attagcggca tcatcaciaa gctgttttta tctttatgaa aatttttagac accatgtttc 300
tttaaaactcc ttctacattg gaggcattgag gatacaatta tccaaaaaat ggt 353

<210> 1871

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1871
cgttgctgtc gttcaggggg aaattgaaag atatatatht tagtcgattt ttcaaaaggg 60
gaaaaaagtc caggtcagca taagtcattt tgtgtathtc actgaagtta taaggctttt 120
ataaatgttc tttgaagggg aaaaggcaca agccaatttt tctatgatc aaaaaattct 180
ttctttcttc tgagttagag ttatctatat ctgaggctaa agtttacctt gctttaataa 240
ataatttgcc acatcattgc agaagaggta tctctatgct ggggttaata gaatatgtca 300
gtttatcact tgtcgcttat ttagctttta aataaaaaatt aataggcaaa gcaatggaat 360
atttgagtt tcacctaaag aacagcataa cgaagcggga aa 402

<210> 1872

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 1872
 gaagagagag aagagaatga gagagagaca gagaaggaga aagaaagaga ataaggggga 60
 gacagagaca gagagaggaa gaaagacaga gaaggaggaa gagagaggaa gagaggcggg 120
 aaggggggag agagaagaag agaagagag agagacagag agggaagaag gaagagaggg 180
 aggaagagag aggaagagag gcaggaagag ggggagagag aacaccgatg aaganaggaa 240
 taaaggaata gaggaaggga gaaagaaaga tctaggaaga gagaggaggg aagactgaca 300
 atatgacagc atgggcaaga gagt 324

<210> 1873
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 1873
 cgccagcta gttttttatg tttagtagag acagggtttc gccatgctgc ccagggtggg 60
 atcaaaactcc tgagctcagg caatccacct gccttggcct ccccatagtg ctaggattgc 120
 aggcattgagc tactgtgccc agcctactgc tctttcttct gtttacagag gaactgcagg 180
 tgctagggat acctggatga atgaaataca gccctgcccc acagtatttt gtggtctggt 240
 ggcaatgacc gacctgttac agaggcactt taatagagac tgctatgtgt caaagcacag 300
 ctgtgg 306

<210> 1874
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1874
 ggaatagctt cctatacccc caaagtccta ttcaggctctt ggggtacaca ctgcccagtg 60
 ggctcttttc ttatcatctc agttagaatc cttttctccc tctatatatt ttgcaacttt 120
 aacagttcag ttttttggca atatatgaa catatttaaa gtatacaaat ttatcagttt 180
 tgatatctgt aaacatccca tgaaactatc actacaatca agaaaaacat attcttagcc 240
 aggtgtggta gctcacacag gtaatcccaa cactttatga gg 282

<210> 1875
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 1875
 gatgctatgt aagacaacca ttgcagagac acaaagtaat cagattcttg aaggtcaatg 60
 caaaagaaaa aaatattaaa ggcagttaac gacaaggggc aggtcacata aagtggaaac 120
 tacatcaaac tcacagggga actctcagca atatcccaca gtcagaagac attaagaatc 180
 catattcagc atttttgaaa aaataaaaatt ttgaaccaag aattttatgt cccaccaaac 240
 taagcttcat aaacaaggga gaaataaaaat ccatttcaga taagcaaaag ctagggggaat 300
 ttatg 305

<210> 1876
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1876
 ttgaaaggat aaacaaaact gataaactgc tagtctaatac aagaaaaaaa aactccaata 60

aataaaatag	acaacaataa	agttacactg	caacttatac	aactgaaata	cagaagatca	120
taagggatta	ttatgagcaa	ctatatacta	acaaactgga	aacctagaag	aaatagataa	180
attcctggat	acatacaatc	taccaagatt	gaatcaggat	gaaacagtaa	atctgaaaag	240
accaataaag	agcagtaaga	ctgaataagt	aataaaacat	ctgccaacaa	agaaaagttg	300
aggacttaat	ggctccactg	ccaaattcta	tcaaattgggt	aaagaactaa	cccatatttc	360
cctaa						365

<210> 1877

<211> 146

<212> DNA

<213> Homo sapiens

<400> 1877

tgtcgcttg	gagacgacga	ccgatggggc	tttgttggtg	agacaggggt	tctcattgcc	60
ctgggtgggc	tacatctcct	gatctctagc	tacccacctg	ccttgggctc	cccaagggct	120
ggggattccc	gattgaggcc	caccgg				146

<210> 1878

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1878

cagtctctac	taaaagacag	aaacaatata	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttctttta	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	caggggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcatc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaagaag	taattcaatg	ttaaaattgt	tattaaggcc	gaacgtgggtg	300
gctcatgcct	ataatcccag	gactttggg				329

<210> 1879

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1879

cgttgctgtc	ggaaggagag	aagcgatata	ttgatacatc	ctatgggtat	taaaaagcca	60
atagaatatt	atgaataatt	ttatgctaata	aaatttaaca	acttcaacat	cataaacaaa	120
ttccttgaaa	aataaaaagt	accaaatttc	attcaagaag	aaatagatac	cagcctgagc	180
aacatggcaa	aatcccattc	ctacaaaaca	tcaaaaaaaa	aaaaaattag	tggggcgggg	240
gggggcaccc	ctgaaatccc	actttgtctg	gaggttaaag	gggaaggata	acttgacccc	300
aggggggtaa	gggatgcggg	ggcccttggt	ctccccctgg	ccttttacct	tgggggaaaa	360
aaaagaaacc	cccgtcctaa	aaaaaaaaaa	aagtgaataa	tttgga		406

<210> 1880

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1880

gatcccatcg	attcgcattc	cgttgctgtc	ggagctcctt	atctgtctga	gaatggggac	60
cagctctgag	tgggggttgc	gcctgtattc	cctgtttctc	aggaacttac	atgggtctgg	120
ggaggctagg	taggtgattg	tacgtggttg	ctcttctcct	tggctggggg	aggtaatgag	180
cagatctctg	tgggtgtgga	gcttgtttgg	gggatgtcta	ggaagcttca	gcttagccac	240
attcccaagt	ttaggtgcac	tgagccatat	agcccagtg	atgcatgtgt	gggtgtgttc	300
atgcacacac	acactctctc	tcttgtctct	ctgtctctct	ctcactctta	ctttcttact	360
ctcttctcag	gtcacttgta	cacttggttt	cctagtagaa	gctca		405

<210> 1881
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1881						60
aggtgatcca	cccacctcag	cctcccaaag	tgctagaatt	acaggcctga	gccaccatgc	
ctggcaattt	ggtttctttc	aaaatagagc	ctgagataag	aattttgggt	gcaggtagtt	120
tatttgggag	gtgatcccag	gaagcagaag	tgagcagaca	gagagaatga	gataaggaag	180
gaacaacagc	agtataagaa	tgctttctag	aggattcttc	tgagggcact	gtgagttaaa	240
ttctgccata	atctcttaag	aaccacagag	aggccaggcg	tggtgggtca	ctcctgtaat	300
cccagcactt	tgggaggccg	aggcaggcgg	atcacgaggt	caggagag		348

<210> 1882
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1882						60
tactgctttt	agaaaacgac	agaaagggtcc	actaagggcg	ggatccatcc	actaaccaac	
ccacccatcc	attcatcaat	tgtccatcta	ctacttcac	caccaatctc	tccatccatc	120
cgtcttccat	ccattcacct	acctatttat	caatctatga	accagctcat	ctaccactct	180
ctccaccagc	ctaccagata	ttaacatatt	aactaatcca	tccaaccatc	tatacttcca	240
tcattcatcc	accaacccat	ccataatcct	tccatccatc	caccatctat	acatttccag	300
ccacttaacc	accaatgaac	ccattcacta	atccattaaa	ctatttcact	atgtatccct	360
ccaccaaccc	acccatcc					378

<210> 1883
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1883						60
agactcccaa	gtagctggga	ctacaggcac	agtcaccatg	cccggcta	ttttgtat	
ttagtagaga	cagagtttca	ccatgttggc	caggctgggc	tcttgacctc	gtgatccgcc	120
agcctcagcc	tcccaaagt	ctgggattac	aggcgtgagc	caccgctcct	ggcctattgg	180
tattttgggg	ggccaaggct	tgtttttg	cccaagctgg	agtggagtgc	gacactctgt	240
gtcactgca	gcttcgcgcc	actgtgttta	agatggacct	tgcgctcac	cctgcccagt	300
aactggagac	tatttttgca	ttgcaagcga	gaccactgta	t		341

<210> 1884
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1884						60
cacatacaca	tacctcacac	atgtgcacac	acgaccctgt	ccccatcttc	ctctccctgg	
ttcccccg	catgcacact	gacacagttg	cacacatgca	tgattgtgca	tacacacacg	120
tatccacagg	cacacatcca	tacacaccta	caagcacaga	agcatgcaca	caccacatgc	180
atgcatactc	acacaaaagt	gcacgcagtc	atataccact	tatatacaca	ggcacacacc	240
cgtacacacc	cacatgcaca	catgctcgta	cacaagtgc	cacatgcata	tgccatacaa	300
ttgtgcgtgc	acacacacac	atatatatatac	aaatatccca	tgcatccaca	tgcacaca	358

<210> 1885
 <211> 138
 <212> DNA

<213> Homo sapiens

<400> 1885
ctgactggaa ttaattaaac taacctttct ttgccttact acgtgcttac cacagtgaag 60
gtaccctccc tagccaggcg ggggtgactta tgcttataat cccatcactt tgactgactg 120
aggcagggtga atcacctg 138

<210> 1886

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1886
agttgtttct tttatcaaag agagggtgcta gaggcctctg caaaaaaatt ttcatttatg 60
tctcacatgg ccacaccttg gtatagagaa aactgggaaa gccaatccag tacttagctt 120
tccaggctct atgatggcaa ttgtcaagga gaggggttaga aatgtgtgtt ggggcaggac 180
acgggtggctc atgtctgtaa tcccagcgct ttgggaggcc aaggcagggtg ggtcacctga 240
ggggaggagg gtctcaatct cttgacccta tgatctgaca ccttcgggtc cccaaagagc 300
taggactacg ggcattgg 317

<210> 1887

<211> 81

<212> DNA

<213> Homo sapiens

<400> 1887
acgacagaag ggtgcggctg ctagaatacg accgaggggt catcttttaa tagcaagaat 60
catatttttt ttccagtacc c 81

<210> 1888

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1888
gagcaagact ccatttcata gggaaaaaaaa aaaaaaaaaa gccggggcccg gggacttaaa 60
ccttgaatcc caggcttttg ggaggggccg ggggggggta caaaaggcca ggaattcaaa 120
accccccccg ttttagggga accccccttt tttaaaaaaa aacaaaaatt aattgggggg 180
gggggggggg ccctggaaac ccaatttctt ggggggggtg gggcaaaaaa atctttaaac 240
cccagggggg ggggttccaa gagcccaaaa ttcccccat tgtccccaat tgggggggaaa 300
aaacaaaaat ttttttttaa aaaaaaaaaa aaaaaaaacc gggggggggg cggtttaaca 360
aaaaaagaaa attccccacg gcccg 386

<210> 1889

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1889
atcaactgct atgacgggtc acaatgtcag tataccagaa ggaatagaaa actgatactg 60
ttttaaataa tctgtcattg tacctttttt ttttgctga actacattct atgggacgtg 120
gg 122

<210> 1890

<211> 383

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1890
 cgttgctgtc gaaggagaag aagatgatga tgatgatgaa gaggaggaag gattagaaga 60
 tattgacgaa gaaggggatg aggatgaagg tgaagaagat gaagatgatg atgaagggga 120
 ggaaggagag gaggatgaag gagaagatga ctaaatanaa cactgatgga ttccaacctt 180
 ccttttttta aattttctcc agtccctggg agcaagttgc agtctttttt tttttttccc 240
 ccttggtccc cccccccctt gttttggggg ccttttttct ttcccccggt ctccccattt 300
 tttggggggg aaactccttg ggccccaccc cctggggaaa aaaccctccc cccttttttg 360
 tcagaccca tctttttccc ccn 383

<210> 1891
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1891
 ggagatgctt ttccttctgc atgttaactc acaactcatt cctaactcatg gtggctctaa 60
 tccaactgac taaaatgctt ttctcccaa ggaactaacg tagttacttg agagaagagt 120
 ttaatccagc ttctcctgcg tggcaaaaggg ttttttttca tcagagggta gctgacttca 180
 ataagggcat ttacaacatc ccaagggctt attttcattt aagaaatttg gccgggagcg 240
 gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggtggat catgaggtca 300
 ggtgatcgag accatcctgg ctaacaaggt gaaat 335

<210> 1892
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1892
 cggggacggc tccgagaaga ctacagatgg gaatagtatt ggtaaaaccg tgataaaatc 60
 aaattgtttt ctgatagaat atcactttac catgtaatca atttatgaat cttctcccta 120
 caacactatt taataattac tcttataaaa atatgctttg aagtatccaa acctaaagtt 180
 aaaatgagtc atggaattgt aatggcaata gaaaaattac aatcacatta tcagcaaaaag 240
 ctgacagttt gactccctct ttaccaatct ggatgtccag acagtaactg ctgtcttcaa 300
 gagactcacc taacacataa ggaatcacat aaacttn 337

<210> 1893
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 1893
 gaaactgagt ctgagagaga caaggtaact ggctaataag ttcgaacact gtttttccca 60
 agactatttg actcaaaata cagaggaagt ttggtgtgtg tgtgtgtgtg tgtgtgtgtg 120
 tgtgtgtgtg cgcgctttca tatttactat atagtagagc tctttaaata actctctgag 180
 acagaatgaa aatatacacg tgttggggtg cgcgcagtgg ctacgcaat tctccctct 240
 ctgtgggagg ccacgctggg tggatcacct ggggcccaga gtgagacacc actctggccc 300

gtggggagac ct

312

<210> 1894

<211> 325

<212> DNA

<213> Homo sapiens

<400> 1894

aatgtaaaac	ataaaaaatat	aaaacttcca	gaaaacggca	caagagaaaa	tctagatgaa	60
tttggatttg	tcaatgactt	tttagatatg	gcatcaaagg	caagatctag	gaaataaaaa	120
gttaataaaa	tggactttgt	taaaataaaa	actatatgct	acatgataga	cgtctagcga	180
atgaatagac	aaacacgggc	tgagagaaaa	tatttgtaaa	agatctactt	gataaaggac	240
tgttatgcaa	gtatataaag	aaccctaaaa	tctcaacagc	aaaaaaaaat	ctgattagaa	300
attgtgtcag	agactttcac	aaacg				325

<210> 1895

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1895

cgttgctgtc	gggcaaaact	caacagcccc	tggagctgcg	cttgtggtgg	agctggaccc	60
tgattttagc	tggaccttgt	ttttagagac	agggtttctt	tctgcagtct	caatctccta	120
gccttgattg	atcctcctgc	cttggcctcc	caaagtgtct	ggactacagg	tgcatgcaac	180
cacacctggc	taattttctt	ctcttctttc	ttttcttttt	tttttttggg	agggaaactt	240
gtttgggggc	ccaagtgggg	agaaaagggg	gccattctgg	tttattggaa	ccttggcccc	300
cgggggtaaa	acaatttttc	gggctaaacc	cccccaaggag	gtgggaaaaa	ggggggggcc	360
cacccgcccg	ggataatttt	tgaattttta	agag			394

<210> 1896

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1896

cagaccattc	gtgacatgct	tggacttttt	ggtttgttct	gaacatcttt	ctttcttata	60
caaccactca	ttttattctt	ggtctaaatt	taccatacaa	gattattttt	catacaaaat	120
tattttctcat	ttgggcatag	tggctcatgc	ctgtaatccc	agcacttttg	gaggtcaagg	180
ctagtatgtc	acctcaggtc	aggagtctga	gaccagcctg	gccaacatgg	caaaacccca	240
tctctacttt	aaatacaaaa	attagccggg	catggtggca	ggcacctatt	attccagcta	300
ctcaggaggc	tgaggcagga	taatcacttg	aaccctgctg			340

<210> 1897

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1897

tcctcacctt	tgagacttca	aagataggcc	agatgtagga	acaaaacggc	tgattagaag	60
cagctgcagt	ccgcagcact	cacaaagaga	aatgaaaagg	ggtgagtga	ttcagcacct	120
tcaatggaaa	tatccatgtt	cttgcatctg	gaataactag	gtgaacaact	tgacccatgg	180
aaaataaaga	aaaggagggg	ggtgacaaac	cacccaggag	tggcacagag	cccaagggaac	240
caccacccca	agccaaggga	agtggtgagt	gatagtgtga	ccccactctg	ttaccaatga	300
acaagctaac	ctcatgatga	g				321

<210> 1898

<211> 129

<212> DNA
<213> Homo sapiens

<400> 1898
gaaagttcag catcacttat tatttggcag tgcctctcat gcaatttaac acatcaaata 60
aggctaatta gtttaacttt cctcttggtta ccaggagaaa aaattaattc ttttgaccta 120
tttcatggg 129

<210> 1899
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1899
ccagtgggtga atgagacaga cctattcctc acctttgaga cttcaaagat aggccagatg 60
taggaacaaa acggctgatt agaagcagct gcagtcgcga gcactcacia agagaaatga 120
aaaggggtga gtgaattcag caccttcaat ggaaatatcc atgttcttgc attgggaata 180
actaggtgaa caacttgacc catggaaaat aaagaaaagg aggggggtga caaaccacc 240
aggagtggca cagagcccaa ggaaccacca cccaagcca aggggaagtgg tgagtgatag 300
tgtgacccca ctctgttaca aagtaacaag ctaacctcat gatgacagga g 351

<210> 1900
<211> 138
<212> DNA
<213> Homo sapiens

<400> 1900
ggaagattta gcattttttt tcattgccct ctcagtacct aattctgtta atagaagttt 60
tttctgtat tttcttctaa gagttttata gttttagctc ttaatgttta ggtgtttgat 120
cctcaaaagg tatttatt 138

<210> 1901
<211> 334
<212> DNA
<213> Homo sapiens

<400> 1901
tatgcataag acaaccatgg tgcactgcag ccactaactc ctggcctcaa gtgatcctca 60
cacctcagta gtcccatagt tgggactcta ggggtgtgcta ccacacacga ctttaagattt 120
atatttttaa aaaaactgga ggtataacta tataaagtgct aaaaatctta catatacaac 180
ccaaatttag acacatagaa actatatgaa tatatatgta accattatca atataaaata 240
tttttaaaat aaaattaatt caaaatatta tattctaaca cactgcctta tggttagata 300
ccataaggca tgtaaaaagt tactacagat aaag 334

<210> 1902
<211> 418
<212> DNA
<213> Homo sapiens

<400> 1902
cgttgtctgtc gaagaattag aagagaatcc agaaagcaca gtctatgatg attataaatt 60
tgtcaccaag aaagaccttg aaaatttagg gctcaccac ctcattggat ctcctttcct 120
ccgggcatat atgcatgggt ttttcatgga tataagactc tatcacaagg tgaaactgat 180
ggtaaatcca tttgtttatg aagaatatag gaaagataaa atacgacaga aaatagaaga 240
aacacgtgca cagagagtc agttaaagaa attgccaaaa gttaacaaaag agctggcact 300
taaattaatt gaggaagaag aggagaagca gaaatctaca tggaaaaaga aagttaagag 360
tcttctaat attctcaccg atgatcgatt taaagttatg tttgagaacc ctgacttc 418

<210> 1903
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 1903							60
ggcacgaggc	cgc	atg	gctt	cgc	accttc	tgcgggccacg	gggctcggtc
cctactgcag	ttc	ctgcggc	tgg	tagggca	gctcaagaga	gtcccacgaa	ctggctgggt
atacagaaat	gtc	cagaggc	cgg	agagcgt	ttcagatcac	atgtaccgga	tggcagttat
ggctatggtg	atc	aaagatg	acc	gtcttaa	caaagaccga	tgtgtacgcc	tagccctggg
tcatgatatg	gc	aatgca	t	cg	ttgggga	catagcacca	gcagataaca
agaaaaacat	agg	c	gagaag	aggaagctat	gaagcagata	accagctcc	taccagagga
cctcagaaaag	gag	ctctatg	aact	ttggga	agagtacgag	acccaatcta	gtgcagaagc
caaatttgtg	aag	cagctag	accg				444

<210> 1904
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 1904							60
accatgtag	gc	ag	gatggt	ctc	gaactcc	tgac	cttgtg
caaagtgc	gg	attacgg	cgt	gagccac	cgcgcccggc	ccctgacttc	catccttaac
aggagaagct	aca	aacacac	att	gtaaaag	tgcatgaata	taaggagaag	tgaggcatgg
tggccatctt	tg	ccatctac	cac	attagta	gaagagaaaa	aataaaaataa	aataaaaataa
taaaaaaactt	gat	ggatcct	t	aaactgt	aa	gaaagaagga	ataaatgaac
tgaacaaaat	aga	aaaacaaa	tag	taatatg	gtagatgtca	acccacatat	atcagtaatt
acattaaatg	tag	atgggact	aa	agtcaaag	a		391

<210> 1905
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1905							60
ctcacgcctg	ta	atcccagc	act	ttgggag	gccaaggtgg	gcagatcact	tgaggtcagg
agttgagtc	ag	cctggcca	ac	atgacgaa	accccatctc	tacaaaaaaa	tacaaaaaatt
agatgggctt	ggt	ggcatgt	gc	cttgtagt	ctcacatact	tgggaggctg	aagtgggaga
atcacttgag	gcc	acaggaa	gt	gggggag	accactgcac	tacagcctgg	gggacagagt
gaaacccaaa	a	ataaataga	ca	atgatgct	cagccatgac	tgtttcaaca	cagacatatt
tgctctttaa	ag	aaaaaaaac	c	ttcatgaa	tattcatcct	tttc	344

<210> 1906
 <211> 263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 1906							60
tcaatatctt	tag	ccattag	aga	aatataa	attaaatgag	atgccattcc	acacctacta
gaataaatac	a	attaaaaat	act	catcatc	ttttgtgttg	gtgatgattt	agaacaactg
taattctcaa	a	tactgatgg	tag	gaaagta	aaatgatata	gccactctgg	gaaaaaaaaa
							180

atggactgtt tcttacaag ttaaataagac ccccatcatt ttacctactt attctactgt 240
tgctctttaa gcagaaaaca gan 263

<210> 1907

<211> 368

<212> DNA

<213> Homo sapiens

<400> 1907

cacttaaaga	aatgagaaaa	agaattacaa	actaagccca	aaataagcat	ataaaggcaa	60
taataagact	agagtagaaa	taaataaaaat	agagaattaa	aaaaaaaaaa	aaggcaaacc	120
gggaacgggg	ggaggggggct	aatttttgaa	ttcccaccat	tttgggaggc	caaggaaggc	180
ggacaacaag	gccaaaaaat	caaaaccttc	cttgccaaca	ggaagaaccc	ctttctttat	240
taaaaaaaaa	aaaataactt	ggccccgggg	gggcaggctt	gaagggccac	ttactcgggg	300
ggctgaaaca	gaaaatttgt	tggaacccaa	aagggggggg	tggagggggc	ctaattgggg	360
caatggag						368

<210> 1908

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1908

cgttgctgtc	gcctgttcaa	cctcagcaag	gttatattcc	tccaatggca	cagccaggac	60
tgccaccagt	accaggagca	ccaggaatgc	ctccaggcat	acctccatta	atgccagggtg	120
ttctcctct	gatgccagga	atgccaccag	ttatgccagg	catgccacct	ggattgcac	180
atcagagaaa	atacaccag	tcattttgcg	gtgaaaacat	aatgatgcca	atgggtggaa	240
tgatgccacc	tggaaccagga	ataccacctc	tgatgcctgg	aatgccacca	ggtatgcccc	300
cacctgttcc	acgtcctgga	attcctccaa	tgactcaagc	acaggctgtt	tcagcgccag	360
gtattcttaa	tagaccacct	gcaccaacag	caactgtacc	tgccccac		408

<210> 1909

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(311)

<223> n = A,T,C or G

<400> 1909

caacacgaga	agtaatgcag	gtactttaag	gagctaagag	ggaaacagaa	atctcagccc	60
tataacaagg	aactgtatga	gcatagaaac	attctcctcc	tccccagta	actttatcaa	120
aactcttaaa	aatttcccct	ctttggcaca	aacatatgga	cacctttctc	actccagagt	180
aaaggaatga	tgtactaaaa	tgaaggattt	ataccgggtg	gggtggctca	tgctgtaat	240
cactttgaga	ggctcagggtg	ggcggattgc	ttgagctcag	gagatcgatc	agcctgggca	300
acatggtgaa	n					311

<210> 1910

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1910

agataaaaaat	taaaacataa	aattaaaaaa	tttttgaaaa	cgatgttttc	agacatacaa	60
aactgaaagg	aatcatcacc	agtagacctg	cactacaaga	actgttaaag	gaaattcttc	120

aggcagaaag	gtaattgtac	caaataaaaa	tatgatccca	caagagaaag	aaagagcatc	180
caaatcggta	aagaggaagt	catactgtca	ctgtttgccg	atgatatgat	ctttgacaaa	240
gcaaacaaaa	acataaagt	gggaaagcac	accctattca	acaaatggtg	ctgggataat	300
tggcaagcca	catgtaggag	aatg				324

<210> 1911
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 1911						
gttgatggga	atgtgaaata	gacatcctat	ctaaagggca	tcttgagtat	atctaaattt	60
aaaacacacg	taccgtttga	cctaataatc	ccactttttt	ttttcttttg	agactgagtc	120
tcactctgtg	gcccaggcta	aagggcagca	gcttaatctc	ggctcactgc	aacctctgcc	180
tcctgggatac	aagagattct	ctgggcctca	accttccaag	gagctggaat	tacagaggcc	240
cgctcccca	cccactgat	ttttggattt	ttagtaaaca	ccttttggac	acctggaaat	300
ccaacgcaaa	cgatcatatat	ttatatccac	tctttcacia	aaacttttct	ttcttttttg	360
ttgg						364

<210> 1912
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 1912						
cgttgctgtc	ggggcattat	aagtaattaa	agatgattta	agtatatgga	aagatgtata	60
taggttatat	gcaagtactg	tgccatttta	tataaagcac	ttgaacatca	cagatttttg	120
tatcaatgag	gggtgctgaa	accaattgcc	catggatacc	aagagacagc	tatatttggt	180
tcaatgtgta	cctctccttc	taaactcagt	tcttaagcat	atagtatctt	tatagctata	240
cacctagtgt	ctatcagacc	ctaaactatg	gtaggccctc	aatacatattt	attgttatag	300
gtagatagat	aggcatgagt	agggcaggag	agggctctcc	ctccacccac	tagaaatgtc	360
aagtgatgtt	ttaaaaattg	tg				382

<210> 1913
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1913						
aaccaatggt	tccaactgca	tcctgttata	aagagagagc	aaatthttatt	aaacttatgt	60
aaataattct	tgccataaaa	aataagaata	ctcatggata	gtttctgaat	tttagaggaa	120
tcaaataggg	acaaaaaaaa	tgtttccacc	tttggttcaca	aagtatacca	aattactgta	180
aactaataag	tagcttaaga	gaaagaaaag	gtttccttaa	agctagaaaa	caaaatattt	240
aaataaagaa	cctggctagg	catggtggct	catgcctgta	atcccagcac	tttgggaggc	300
cgaggtgagc	aaatcacctg	aggtcagggg	ttcgagacca	gcctggccaa	c	351

<210> 1914
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1914

ttttgccttc	agaagcttcc	ctgaaaatca	cgaataggag	gcagataaat	agtagaaaag	60
gcatacaggt	ttctgcaatg	tgtgtacacc	ggagacgtta	gaactaagac	ccagacacac	120
gatgcgtgca	gaagcttatc	taccacatga	agtttacaga	aagaatgggg	tcttggatca	180
cagggaaaaa	ataaagggtta	tgtgagaaaa	cgaccctggc	tagcaacagt	ggacttattg	240
cataggtgga	atctcactag	gagcagtcct	cagagagaat	aaacagaana	tgtttcttcc	300
agacctttgg	agacctcaga	ctctcattta	agctttccta	gatccagaca	aaggggcaga	360
cctcagagaa	agcctggctg	catcaaggca	gatn			394

<210> 1915
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1915						60
tacggctgct	agaagactac	agaagggtac	ggctgctaga	agaccacaga	agggaatgat	120
attattagat	cactgaagca	gaaaattagc	aaagatat	aggacctgaa	atcagcactg	180
aaatcagaca	gaaaacactc	ctcaacaaat	gcaaaaaaaa	aaaaaaacc	ggaattttta	240
acaccccttt	taaaaccaca	ccccattcaa	tttaaaactc	aaaacggaca	agccctttaa	300
aaatcttccc	tttaaaaaaa	tttggaaaaa	ctggctcctg	aaggacttgg	ggaaaatatg	360
gattttaagg	caaaatccaa	aaattttttt	gaatttatta	aaaataaggg	gcccaacttca	369
caaaatttt						

<210> 1916
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 1916						60
cggttgcata	ggcaaaggga	gattaaaaaa	caatctgctc	attgctcctg	agctatttga	120
attttctcct	taactaaggt	atgagctcct	ggagctctta	aatgtctatg	ccaagggtctc	180
aagccagaag	ccacagctac	aatccggcct	ggagataggt	gtggntttga	cgtgcacact	240
gtacaaacaa	aacaatatcc	attgtttcaa	agatcagatt	tcacataaaa	atgtggatta	300
tcacaatttc	ttttctttgc	ttttaacttt	tagagacagg	cttgatatgt	tgctcacgct	360
gatcttgaaa	tcctgggctc	tagtgatcct	tctgctttat	cctcccaagc	aggtttgttt	363
tac						

<210> 1917
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 1917						60
atacacatga	catttttttt	tctttttttt	ttttttgggg	ggggaatcct	cctttttgcc	120
ccaagctgga	gggaaagggg	cccaattcgg	ttaacttcca	ggccccctt	ccgggtttta	180
cacatttttc	tggttaaacc	ctccaatgga	gcggaaataa	ggggcccccg	caccaacccc	240
aagatatatt	ttaaaaattt	taaaaaaaa	aggggtttac	cccgtttaac	ccgggagggg	300
tagactctcg	gaaccaggga	attaccccc	ttggcccccc	aaaggggggg	gaatcacgga	311
ttagccccct	t					

<210> 1918
 <211> 319
 <212> DNA

<213> Homo sapiens

<400> 1918

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaaccccagg	aagagactta	gtcacacaac	aacagtgagg	aacttcaata	120
ccccactgac	agcatttagac	agatcatcaa	gttataaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	ttaagaatat	ttcaccccaa	240
caccacagaa	tataaaataa	tcttatctgc	acatgaaaac	gactctaaga	tcaaccacat	300
aatcattcat	aaaaaaggc					319

<210> 1919

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1919

cgttgctgtc	ggaacagaat	agagagcccc	aaaataggct	tacatgaata	tggtccactc	60
tctctgacaa	aagaacatga	cagttcaagg	gaggaaggat	aatcttttca	gcaagtggcg	120
ctggaataat	gggacatcga	catgcaaaaa	aaaagaatct	agacccatcc	ttaccctta	180
acttaaaatg	ttaaaataga	ttcttttttc	cttcgacctt	gagcccttga	caaaatggat	240
cttaaaccta	aatgtaaaac	ccaaacacta	taaaactcct	agaagacaac	ataggagaac	300
atctaggtga	ccttgagttt	ggtgatgagg	ttttagatac	acaaaaagca	taatccatga	360
aagaaataaa	ttggacttaa	atgaatttaa	aacttctgga	agcag		405

<210> 1920

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1920

gagtgtttgc	agagacgtga	agccaaaact	aatagaactg	aggaaaaata	gacaaattca	60
caatacagtt	ggagccttca	gaacttctcc	ctcagtaata	aatagaagta	gacagaaaaa	120
tagcaaggat	atagatgaag	tgaacatcac	catcaaccaa	ctgaaatgct	atagagcctc	180
acaccccaa	acagcacaat	acacattctt	ttaaaccaca	gatggaacat	tcaccagcac	240
agaccatatt	ctgaatcaga	aaacttaaat	ttataagaat	tgaaagcatg	caaagtatga	300
tctgacaata	atgaaatcga	catagagaaa	tgctagggtc	tgaggatgtg	agaagataca	360
gtctat						366

<210> 1921

<211> 248

<212> DNA

<213> Homo sapiens

<400> 1921

aagataaaat	ttgaaatctg	gttaggctgg	tgtaggggtt	ctttgttttt	gggggtttgga	60
agagatgtgt	taaatgttat	gtttttaaaa	tagtatTTTT	gattattttg	tttgcattgtg	120
gttaatttag	tttaattttg	gtgcggtcct	ggcatattgt	catttttttc	ttatgggtct	180
atggaagact	tgcccatttt	tccaccgttt	gttggttaacg	ctctgggttg	tgttatccta	240
tgattcag						248

<210> 1922

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1922

gtgggtgttt	aaaagggtat	tgtttcattt	tcacgtattt	gtgaatttgc	cagtattcct	60
------------	------------	------------	------------	------------	------------	----

tctgttatta	atctttaggt	ttattccatt	gtaatcagaa	aatgggttg	catgatttcg	120
gctttttaat	atgtattaag	acttgtttg	tagccaacat	atggcctatc	ctggagaatg	180
tttcatgtat	acttgaaaa	aatttggtg	tatacggagt	attctgttg	ctctaattgg	240
ccttcaaacc	cttggtttc	tggtgataat	atatctcagc	acactattca	taattggaag	300
tggtgtacta	aatctccga	ctgtttatcc	tatgaaaaag	acactttcac	atgg	354

<210> 1923

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1923

tgagtagcta	caaaagagac	cttatggcct	gcaaaggcta	acatatttac	tatctggccc	60
tgtacagaaa	aagtttactg	gcccctcctc	taaggcatga	tttattattg	gatcgttccc	120
agcatggagc	acttcctgcc	cttgccctgct	tcagctcctc	ttcctaacac	tgctgtagaa	180
tagaggaaac	tgagccatga	aaagactatt	tcaaagtctc	agagagagtg	ggattagagt	240
tccatagggc	ccctgagctc	gtgacattcc	cctcaagcct	ggggtgagat	gctggcgata	300
tccagccctt	agagaacaag	cggtggaatg	gaaggaggga	aatcat		347

<210> 1924

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1924

tttgtgagtt	tttaatcaaa	tatgtatgtc	attgttcttc	attttattta	tgctaaatg	60
cgtcttgtct	tcacacatag	aaaattttgt	cattgatttt	tttttcaact	tagtttagaa	120
gaaataaaat	tccttataag	aaattgttgg	ccagggtgtac	tggtcacgc	ctgtaatccc	180
agcacttttg	gaggctgaga	tgaggagatc	cttgaactc	aggagttaa	gaccagcctg	240
gataacatag	tgagatccct	tctctatcaa	aaatacaaaa	aattatccag	gtgtgggtggg	300
acgtgcctgt	agtcccagct	gctcaagagg	cggaagtagg	ac		342

<210> 1925

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 1925

aggggctgga	ttgattgata	tatggaaatg	taatcacagt	tttccaggaa	cccaaattctt	60
tatctcccct	aggagcagcg	tttcagaatt	cacaaataaa	gtgcttgagg	tgactttata	120
gaacataact	attgcatata	acaagaccta	aatgcattcc	tttctaaatg	gaaatctaaa	180
cacagagttt	gaaaatttag	gtaacactaa	attccccttt	cttgtaactc	ataagtaacg	240
aagtatgagg	aaattataaa	aggtgtaaaa	gtgggttttg	cattgtgcta	ccaatgctaa	300
tggaagatg	acn					313

<210> 1926

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1926

gtgggcaaaa	ggtggtagca	tttcccttga	gaatcagaag	aagacaatga	tgcccactct	60
------------	------------	------------	------------	------------	------------	----

caccactcct	gtccaaaata	gtattggaac	cctagccaaa	gaaaccaggt	aagagaaaga	120
aataaaaggc	atccaaagag	aagagaggaa	atcaaactat	ctctggttgc	agatgatatg	180
attctatacc	tagaaaatca	atcatctctg	tctgaaagcc	ccttgatctg	atttaaaaaa	240
aaaacttcag	cagaatttca	agatacaaaa	ataatgtaca	aaatcagtag	cattctcata	300
caccaacaac	atccaagctg	agagtcaa	caataatgta	atcccattca	caatagccac	360

<210> 1927
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1927						60
cagcacatga	aaggattata	caccatgata	aagtagaatt	tatctctagg	atgcatagat	120
atttcaacat	aatcaatcaa	tgtgactcac	tacattaaca	gacaacatga	taatcccaat	180
atattcagaa	aaagtatttg	acaaaattcc	acataggctc	atggtttaa	aaaaaatcct	240
tcaacaaaat	agataaagaa	caaacttact	gcaacacaat	aaagaccact	tatgaaaagc	300
tcacagccaa	catcataatc	agtgaggtaa	acgtttttcc	tctgagatct	agtacaagat	360
gatgttgccc	actctc					

<210> 1928
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 1928						60
gagttggaga	agggggagcc	ctcatgaact	ggctgctatg	aatacaaaat	gatgcccttg	120
ctgcagaaaa	caatttggtt	gttcctcaca	gaatgagcat	tgggtgaaaa	atgaaatcaa	180
gatggaaatg	taaaaaattt	cttcgaactg	gatgacacaa	cctatcaaga	cctttgggat	240
acagcatagg	cactgctaag	agcaaaactt	gtagtcttaa	aaacctacga	caaaaagtct	300
gaaagagcac	aaatagacaa	tctaagttca	cttctcaggg	aactagagaa	acaggaacaa	360
gccataccca	atcccatcat	acacaggaaa	tacccaagat	cagagccgaa	ctaaatgaaa	361
t						

<210> 1929
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 1929						60
gccatcatat	gttctcattt	atttgtggga	tctaaaaatc	aaaacaattc	aactcatgga	120
gatagagagt	acaagatggg	taccagagac	tgggaagagt	agtggggaaa	ttgggggagg	180
tgtgggagg	tttttntnt	tnttnttnt	ggttgacgag	aagaccttat	ggagcggtta	240
attattattg	caaggggtac	ctaaaaaccg	ataggggttt	aaggaacctg	cctgggggta	300
atattttcca	ttaggcgata	ttctgtgggg	aacccacact	tccgagcagt	catgggttta	358
attccccaat	gtaaggcgaa	cttctattcc	tttattggtc	ggaaaaaatt	ggtcgacg	

<210> 1930
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1930

gttatgctat	atggcaaggg	agaattacag	ttgcagatgg	aattaatgtt	gctaatcagt	60
tgaccataaa	ataggagagac	cataatatgg	tcaataggag	tttaccataa	agctagggtt	120
tgtagttggg	agggagggtg	tagtgatttc	agaaatatcc	tggccgggca	cggtggctca	180
cacctgtaat	ctcagcactt	tgggaggcca	aggcaggcag	atcatgaggt	caagagttag	240
agaccagcct	gaccaacacg	gtaaaacccc	atctctacta	aaaatacata	agttagccag	300
gtgtggtggt	gcacgcctgt	aatcccagct	actcagga			338

<210> 1931

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1931

agaatcgctt	gaacctggga	ggtggtggag	gttgtagtga	cccaggatca	tgccattgta	60
ctccagccta	ggtgacaaga	gcgaggctcc	atctcaaaaa	aaaaaaaaaa	aaaaaccaa	120
ccctttggct	tttgttggtt	tttgaaaaaa	agtttaattt	tgtccccag	cctaaagggc	180
agggccggga	tgtggcctaa	ttgaaatttg	aactccgggc	ctaaggggat	ccaccacct	240
aaccctccaa	aagggtctgg	tttatgggct	tgaccattg	accccagctg	gaaaccttta	300
actttttaat						310

<210> 1932

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 1932

agagggcagg	gcttacaggg	ctgtcacccct	tattctccgc	tgagctgttt	taacacgtag	60
ccatccgcag	atggcagctt	ctaaaagagc	attaattgta	acagaccccc	agacactacc	120
atggggccag	agcccaaaag	tgctcacccc	agctcctaca	cctgccccctg	cccatctgcg	180
tgctctccct	cccataaggg	gtttgagcac	gtgtcggcca	agcaaacgag	cttcacccct	240
gtcacaagtc	ctgagaggag	tcagggaact	ctcccatttc	attctgacac	aggtgggact	300
cagcattctc	agaccttcaa	aggcctgttg	ggtggatgtg	gn		342

<210> 1933

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(283)

<223> n = A,T,C or G

<400> 1933

atcaatgaag	gattgataaa	agttctcctg	gtgtctccgc	agagtgcctt	ccagggaacag	60
atctttgcat	agaatatcag	tggtttcctt	ttttgtttca	aatagtggtc	agaaaaatacc	120
cagtgttgac	tcaccaaggc	aatcagcttc	ctttttccct	ttttttgttt	ttttttaaca	180
ttttatattt	ttgctttatt	ttatttttatt	ttatttttatt	ttatttttatt	ttatttttatt	240
ttttgagacg	gagttccact	ctgtcgccag	actggagtg	agn		283

<210> 1934

<211> 383

<212> DNA
<213> Homo sapiens

<400> 1934
cggtgctgtc gcaaattttct tcctgctcag accatagtcc taattactta agaaaacccc 60
ttctaactgt gtggatcttt taacgtatgg tgcacatgag tgcattggaaa tgagagaacc 120
tgggtgacag agtgaggcac tgtctccaaa aaaaaaaggg aaaaaaaaaa aatttttttt 180
ggcttggatg aagggggggc taacccttta ttcccacct ttgggaaatt tgagggttggg 240
ggatcatttg acctcaggag ttggaacca ccctgggcaa cacagggaaa cccattcttt 300
acaaaccttt aaaaaaaat gggccggggc ggggggttaa cccttgatt tccagccttt 360
gggaaggcca aggcggccgg ttt 383

<210> 1935
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 1935
tgtcaccagc ggactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180
ctctatccaa gacacatcag cttcttctca gaaccactgg actcggagca cgcagaccac 240
cagggaatct caaaccagca ccctaacaca cagaaccact tcaactcctt ctttctctcc 300
aagtgtacac aatgtgn 317

<210> 1936
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1936
tgtcaccaac aactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180
ctctatccaa gacacatcag cttcttctca gaaccactgg actcggagca cgcagaccac 240
cagggaatct caaaccagca ccctaacaca cagaaccact tcaactcctt ctttctctcc 300
aagtgtacac aatgtgacag 320

<210> 1937
<211> 386
<212> DNA
<213> Homo sapiens

<400> 1937
cggtgctgtc ggttaagctg tctcagaaag aattgcttgg tccaccagag gcaaagagag 60
cccaggcccc tgaggaagag gagattggga gccctgagcc catggcagct ccagcctctg 120
cctcccagaa actcagcccc ctacagaagc taagcagcat ggaccggcc atgctggagc 180
gcctcctcag cttggaccgt ctgcttgccct cccaggggag ccagggggcc cctctgttga 240
gtaccccaaa gcgagagcgg atggtgctaa tgaagacagt agaagagaag gacctagaga 300
ttgagaggct taagacgaag caaaaagaac tggaggccaa gatgttggcc cagaaggctg 360
aggaaaagga gaaccattgt cccaca 386

<210> 1938
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 1938									
gtctacatat	acacatatgt	ctatacttgt	gtttggatat	tgtctacatg	gtaccaaatt				60
gccgtaacaa	taaatgagta	atcaaaaatt	aaataaataa	gccc aaat	ttttcaagtt				120
cttgtgactt	gagtaaatct	tttggtaaat	atgagtagct	taatatagtt	ggtttaataa				180
aaacaaatgt	cttttgactt	atcagcaaaa	tatgcatgta	tttaatgtta	aggtgattgc				240
ttttatgata	cttagataac	atatgataat	attaatagca	aaatggttaa	tacaaaattt				300
aagctgagat	gatggctaga	tttgtctaac	ggctcatgaa	atttttcca					349

<210> 1939
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1939									
gaatactcgt	gaataaaactt	tgcaaaaacta	tttgtaaagt	actataagga	attctgagaa				60
gttactataa	gatagaaaag	aatataggag	catgccc aag	ccatataat	gatgtttcac				120
gtaatatgct	tggtagactt	gtaaaatatt	ttagatgtgg	tgtaggaata	aatctttgat				180
gtaatttgtt	tttttgtata	tgtatatgat	tttgaaattt	gagacagaag	ctataccatg				240
aaccaggctg	gaatgcgatg	gaaccatctt	ggctcactgt	tgctgcagc	tacctgggtc				300
aagtgattct	tctttttttg	gccttccatg	gagcatgaga	t					341

<210> 1940
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1940									
ccctcccacc	ctctgttttt	ttcttcttct	tctctctctt	tttttttttt	ttaaaaaaaa				60
ggggggcctc	ggcgggggtg	cccaggcggg	ccaacatccc	aaattcccaa	attcccccg				120
gcctaagggg	atcctctaac	ctaagccgcc	ctttccaatt	ttgacccccc	ccccagtaaa				180
aataaactgt	ttggcccgcc	cagggggggc	caggacggaa	acccaccat	ttgggggggc				240
cgggggggga	aaaccactgg	acccagggag	tttggggcca	cccggggcaa	caggggggaga				300
cggcctctcc	taaaatccaa	aaatttcccc	gggggggggg	gg					342

<210> 1941
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 1941									
cctgtgggtg	tattgtatac	acacatatat	atatatgatt	ttgtgcatgg	ttcctgggtc				60
aaactcccat	ggcgttggc	ttttgttaga	acagtctttt	attagaacag	tctagtaaaa				120
cagttctaac	agtcttttgt	tagaacactg	ggtgtgttag	gcctcaagaa	acggaccctc				180
tccagcctta	ttttggccta	gtttcacctg	cccaaaggca	ggtctcta	cttccccctg				240
ctttttgaat	gcggtgcata	agactgtacc	cagaggccga	acgcgggtgg	tcatgcctgt				300
aaacctagca	c								311

<210> 1942
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1942
gattataatc aagtgtaggc ttcctgaatt ttgacatcct tttagaactt gggctctggaa 60
ttccagaaat gttaattgct gcttgtatct gttcttggtt gtttttttagc cagtatttgc 120
cctttctatc cagccttatg aataatagca gtaaaatcac agtatcttgg tcagtcttta 180
tttttcctt ttttctttt taagagacag tcatccaggc cagagtgcag tttgatgata 240
gcttgctgaa gcttcccact cctgggctca agttatcctt ccattttggc ctcttgagta 300
gctagaccat aggtatgcat caccaca 327

<210> 1943
<211> 325
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 1943
cggttaaggag ttttcccact tgaaataaaa aaatgctaga cagcaacatg atggcataga 60
aaagtatgaa actcattggt aaatacaaat atatagacaa atactgaata ttactgtaat 120
gatggagggt aacacacttt taattcaact gtacatgtta aaagacaaaa ttagttaaaa 180
taactataaa taaatatatg gtaaaagata taccatatga ataaatgaac atagtgcacaa 240
caataatata aagtgtaggg agaaaataag ttagagttac tggatacaat tgaacataag 300
ctgttatctg cttaataagg actan 325

<210> 1944
<211> 322
<212> DNA
<213> Homo sapiens

<400> 1944
attccttatt tgaaaaagag caaagttgct catatcctca atatcagtcc accactgaac 60
ctaaatccag tttggttcaa acagcactgt gcttatacca ttgctaagta tggtagtct 120
atgtatgtgc ttggaatggc agaagaattt aaagtgaaa ttgcagtcaa tgcattatgg 180
cctaaaacag ccatacacac tgctgctatg gatatgctgg gaggacctgg tatcgaaagc 240
cagtgtagaa aagttgatat cattgcagat gcagcatatt ccattttcca aaagccgaaa 300
agttttactg gcaactttgt ca 322

<210> 1945
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1945
ggctcaagag gaatgctcca ggaaagggat agtggatgaa ttcttcccgc tgttgtcaaa 60
ctaattgtata tggactcaac cacagggata tccccagagc tcctatggaa cactagcaaa 120
ttttgtgttt ttgttcagtc cgacatgggc tggccctcat cttgcagctc tgtaattttt 180
caattttacac ccaacaaatg aacttgagca ttgccatccc agctatgggtg aacaacacag 240
ccccacctag ccagcccaat gcctccacag aacggccctc cactgactcc cagggctact 300
ggaatgaaac tctaaaagaa tttaaagcaa 330

<210> 1946
<211> 384
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1946
 tacgggtttcg agttgacgac agaaggggctt aaagacaagg atactttcca agaaatgctt 60
 ccttacacaa ttttggcatt gtgtgaacat cgaacagtgt gttgacgtaa acctacatgg 120
 tatagcgtac tgtatagtat agatagccca ggggttcctt atctctcagc cacggtatca 180
 gtccatcacc tgtaagaac caggccacac agcagtaggt gatcagcggg caagctagca 240
 gagcttcac tttatttgca gctgctccca ttgcttgcac taccgcctga gctccacctc 300
 ctgtcagatc agcggtagca ttagattctc ataggagcac aaaccctatt gttaactgag 360
 catgggacgt atgtatggac atan 384

<210> 1947
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 1947
 tcaaaagaaa gttgtaaccc tgtgatatga atccacacac cacagagcag tttcatggat 60
 aactaaccac tttctagttt taactgggaa taccctttt ttcccttatt actcaatgaa 120
 ctgcagaatg tccctttgca tattccaaaa agagtgtttc caacctgctg aaacaaaata 180
 atactttaac tctctgagct gaatccacat atcacaaagg agtttctcag ataggatctt 240
 tctagttttt ggctgaggat atttgggttt tctcatagg cctcagaggg ctcccaaagt 300
 tctctcaca gattctaaca aaagagtgtt tcaaacttgc tgaatcaaaa gaacatttta 360
 g 361

<210> 1948
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1948
 ggcacgaggt tgggtagaga cgggggtttta ttogtggttag ccaggatggt cttgatctcc 60
 tgagctcgtg atccgccctc ccgcctcggc atctcaaagt gctgggatta caggcgtgag 120
 ccacggcgcc cgacttcct tcttttttaa gcaaagcctg ttagaatggc ttggatctcg 180
 aggtggcgct ttaccgacc tccgagggct ctgcagccgc tgcgggagaa tgaccctgtc 240
 ggtatttttg aggtgcttt gagcgcgcc ccctgccaaag taccggcca tcaaggccct 300
 gatcgggcca gaccgcgcc tcaagagggc ggcgctggtg ctggtgctgg tgcagatgct 360
 ggctgctgg ctggtgcgcg ggctggcctg acg 393

<210> 1949
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 1949
 cagcacacca acatggcaca tgtatacata tgtaacaaac ctgcacgtta tgcacatgta 60
 ccctagaacc taaagcataa taataaaaaa taaataaata aataaaaaga aattaagcct 120
 cctttttttt ttttttttta aaaaggattt ccacttttgt ggccaaggct gatggngtg 180
 gnccnaaagc tatcataaac tttagtcctc cttctcaact tgaatctttc cagaaaaaac 240

cactccccgt	tattaccgga	aataggagaa	aaaagttaa	tgggaaaaca	aagtggttct	300
ttattcctta	aaaagag					317

<210> 1950

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1950

aagggtctca	cctgccagag	atctgtgcaa	ttaaaaacac	ccacagctga	accgttcagg	60
ggctggcaat	tttttttttt	tttttttttt	aaaagggact	cgggttttgt	ggccaagggtg	120
ggggggaaaa	ggggcaattt	ttgttttttg	aaccttaac	ttccggggtt	aaaggaagg	180
gcccacttaa	gtttccgggg	aagttaaaac	aaagggggcca	cacaaaaaaa	tcgggcaaat	240
tttaaaattt	ttgggggaaa	cgggagtttc	gttttgttcc	caaggtgggt	ttcaaattcg	300
ggggttaagg	gaacctccg	gcttgggttt	ccaaaagggc	ggggataaaa		350

<210> 1951

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1951

ggcacgagga	agagcaaccg	agatgattgt	gaagatgctg	agccggaatc	cggacaatta	60
tgtccgcgaa	accaagttgg	acttacagag	agttccaaga	aactatgatc	ctgctttaca	120
tccttttgag	gtcccacgag	aatatataag	agctttaaat	gctaccaaac	tggaacgagt	180
atttgcaaaa	ccattccttg	cttcgctgga	tggtcaccga	gatggagtca	attgcttggc	240
aaagcatcca	gagaagctgg	ctactgtcct	ttctggggcg	tgtgatggag	aggttaaaat	300
ttggaatcta	actcagcgga	attgtatccg	tacaatacaa	gcacatgaag	gctttgtacg	360
aggaatatgt	actctctttt	gtgggacttt	ctttttccac	tggtggggat	gacaa	415

<210> 1952

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1952

gatttgaaag	gaatgaggat	cctgcactct	tcctccctca	gtaagtaa	gccagtcctt	60
aggaagagag	aacaaaaatg	tctaccggac	cagatgtcaa	ggctacagt	ggggacattt	120
ccagtgatgg	caatttaaac	gtggctcaag	aggaatgctc	caggaaagg	ttttgttcag	180
tccgacatgg	gctggccctc	atcttgagc	tctgtaattt	ttcaatttac	acccaacaaa	240
tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	agccagccca	300
atgcctccac	agaacggccc	tccactgact	cccaggggcta	ctggg		345

<210> 1953

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1953

gccagtcctt	aggaagagag	aacaaaaatg	tctaccggac	cagatgtcaa	ggctacagt	60
ggggacattt	ccagtgatgg	caatttaaac	gtggctcaag	aggaatgctc	caggaaagg	120
ttttgttcag	tccgacatgg	gctggccctc	atcttgagc	tctgtaattt	ttcaatttac	180
acccaacaaa	tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	240
agccagccca	atgcctccac	agaacggccc	tccactgact	cccaggggcta	ctggaatgaa	300
actctaaaag	aatttataag	catggtaagt	taatgagact	ct		342

<210> 1954

<211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1954
 aggcgtgctg tgcaaatggc acacctgggc caaccaatct tttgtgccct atgtaaatca 60
 gacaccgcct cctcaaactc atttataaaa cctgcatttc actgcagaag tggcaatcca 120
 ttttctccag ggccccctctc tggttcagaga gctctttctt ttgcctgtta aactttctgct 180
 ctgaacctca ttcttttgtgt gccggcgctcc tagttttccg tggccatgag accacgaatc 240
 tcaggatattt accccagacc acagtgtctgc ttcattacca cgttcctgat tcctaaaggc 300
 ccagggcaga ttgaacccta agttcagttt 330

<210> 1955
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1955
 caaaggcaaa gatgttacag aaaaagagaa gaatatagat ttatatcctt tatgaatatt 60
 gatgcaaaga cgttcaacaa atactcacia attgaattta acaatatatc aaaagattat 120
 acatgatgat caaatgagat ttattcctgg aatgtatggc taattcaaca taaaaaaaaa 180
 caataaatgt aatacaccac attaacaaaa taaaggatta aaaaaagacc atttcaaata 240
 ctgcagaaaa agcttttgac aaaattcaac actcttgcac ggtaaaaaaca gtcaacaaac 300
 taggaatata aataatgtcc 320

<210> 1956
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1956
 ggctgctctc tggccactag agccaggcag tcacctagct gctgttatgc tgcataacctg 60
 tctctgagta ctgccttcat ccatcggccca gggctctgtgg gacagaccag gcagggtggg 120
 ccccatgtga ggaacgctgc aatggattgc aagggaaccc ctgaaaacaa atgtgaagtg 180
 actgagcagt gttaacctta gaagactaga acctaatgag ttatggcaaa cagatgttat 240
 gcacgtccct gaatttggaa aactaaaggc ctctttggat tccagcacga ggcatacaac 300
 cataccatgg catgggtagg aac 323

<210> 1957
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 1957
 gaaagaaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60
 actttcaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120
 cgcagtaaag tatagcagga gtagtaacta ccatattatta aatgcttatt atgtatcaag 180
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240
 tcacccaagc tagtagtgca caatcatggc tctactacagg cttgacctcc tgggcttaag 300
 catcctccca cctcagcctc ccgagtanta anactacaga tatgtgccac cactg 355

<210> 1958

<211> 172
 <212> DNA
 <213> Homo sapiens

<400> 1958
 caccatcaa gtcattatta ccctcactgt cgacccaaca caggcatgct catgtgaaga 60
 tgcgaaaaaa cgacagaaag gaacgggggc gtttttttga tagatcgcaa cgggggagaa 120
 acctttgggg gagggggccc gcccccttt atgagggggg ggaaaaaatg gt 172

<210> 1959
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1959
 gaggtgccc agctactgag ggtctaagtc cgggcagccg aagagtgtgg ttagcaagat 60
 gaacaaagat gcgcagatga gagcagcgat taacaaaaag ttgatagaaa ctggagaaag 120
 agaacgcctc aaagagttgc tgagagctaa attaattgaa tgtggctgga aggatcagtt 180
 gaaggcacac tgtaaagagg taattaaaga aaaaggacta gaacacgta ctgttgatga 240
 cttggtggct gaaatcactc caaaaggcag agccctggta cctgacagt gaaagaagga 300
 gtcctacaa agaataagaa catttcttgc ttaacatgcc agcc 344

<210> 1960
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1960
 gaaagaaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60
 actttcaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120
 cgcagttaaag tatagcagga gtagtaacta ccatattatta aatgcttatt atgtatcaag 180
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240
 tcacccaggc tagtagtgca caatcatggc tcactacagg cttgacctcc tgggcttaag 300
 catcctccca cctcagcctc ccgagtagtt aaaacta 337

<210> 1961
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1961
 ggctgatgcc attttcagcc tcagcacgcc tgcacccagg cgctcattaa aacagcatgt 60
 tgctccccac tgctcgtgt tgtctgttgg cgcgctgacg gggttcgaac cgatacaaga 120
 accttccacc tacctggtgc tttggcctca tctataagct tttccactgt cctgaaacaa 180
 gatagagaat ctgagcggcc agtcatctgc cctaagtgt gccgccgaag actgaatgtc 240
 ctggaaagt ttgctgtcaca tctccattat gacaaaagca ttgcgccga cagatgaaaa 300
 aatgcattgt caacggaatc ttttatgttt ggttgtcttc ctttaagc 348

<210> 1962
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1962
 tgggtatata taatttacag aaagtctatg tgtaaatacat tgactgactt aactccgact 60
 gatcactctc tgtacggaac cacctaataga gatctttttg cctgacacct agatagagcc 120
 cattaccaag acagaggaat tacaatacag agtttaaatcc atatagaatt ggctaaatgg 180

gagattcaag	ttttattatt	actcagatca	ccctttccaa	aaatccagag	ggtaggggtt	240
tctaaacacg	gtttgttg	cagcgggtcta	aggaatgagg	aaagctgatt	ggttgtgttg	300
cggataaaat	cataggggtt	aaaactgt				328

<210> 1963
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 1963						
tgtaaataaa	gttttattgg	aacagaaaca	cactcctttg	tttacatagt	ggctatggct	60
gcctttgtga	tagaatagca	gaattaattg	actgtgccaa	agattgtaca	gccagtaaaa	120
taaaaaatat	ttactgg					137

<210> 1964
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 1964						
ctcctctttc	caggtgctcc	ccgagcctca	caggtctggc	tcctgggcac	gtagcaagct	60
ctttccctac	ctttacttcc	ttttcattcc	cttttttttt	ttttaaactt	aatgggggca	120
aggttaacat	ataaaaaaat	cccctttttt	ggaaaaaaga	aacaaggggt	tttaagaacc	180
tttaccatt	agggaatta	taacaggccg	gtttaaaaac	atgggttatg	accaaaaaaa	240
cccctccggc	ggggggggac	cacctgaagt	cgggagttaa	aaaccagccg	gaccaacagg	300
gggaaacccc	atctttacaa	aan				323

<210> 1965
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1965						
gctgctctct	ggccactaga	gccaggcagt	cacctagctg	ctgttatgct	gcataacctg	60
ctctgagtac	tcgcttcac	catcgccag	ggtctgtggg	acagaccagg	caggtgggtg	120
cccatgtgag	gaacgctgca	atggattgca	agggaacccc	tgaaaacaaa	tgtgaagtga	180
ctgagcagt	ttaaccttag	aagactagaa	cctaagtgt	tatggcaaac	agatgttatg	240
cacgtccctg	aatttgga	actaagcacg	aggcatcaaa	ccataccatg	gcatggctag	300
gaccaacccc	ggtacaaaa					320

<210> 1966
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1966						
ggataagcta	caacataaac	acatctaggt	tcttgttctt	agaatacagc	atgaagaatt	60
tgctttcttc	tttcttcta	acattttcat	gtgagatcca	gaaaggacac	attgtctctg	120
gccattcgaa	gaaagaaaga	aagaaaaaaa	aaagggtttt	tagagaccga	gagagaaaaa	180
ggctgaaatg	ggttcgctgg	gttctaataa	tccgcaaac	aaacaagccc	aagttcttct	240
tttgggactt	gactcagctg	ggaagtctac	tctcctttat	aaattaaagc	ttgctaagga	300
tattaccacc	atccctacaa	taggtttcaa	tgtggaaatg	atcgagttgg	aaaggaatct	360

ttc 363

<210> 1967

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1967

cggggttctt	gttcttagaa	tacagcatga	agaatttgct	ttcttctttc	ttcctaacat	60
tttcatgtga	gatccagaaa	ggacacattg	tctctggcca	ttcgaagaaa	gaaagaaaga	120
aagaaaaaaa	aggtatttag	agacagagag	agaaaaaggc	tgaaatgggt	tcgctgggtt	180
ctaaaaatcc	gcaaaccaaa	caagcccaag	gtcttctttt	gggacttgac	tcagctggga	240
agtcactct	cctttataaa	ttaaagcttg	ctaaggatat	taccaccatc	cctacaatag	300
gtttcaatgt	ggaaatgaac	gagttggaaa	ggaatctttc	actcccagtc	tgggatgtgg	360
gag						363

<210> 1968

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1968

tataacagga	actcaaagac	aatgcacagg	gctataatct	aagaacagat	gtattaacag	60
ccttactcac	tgtaaggctg	ggaacccttg	aagccaggca	ttatatgcac	attctcaaat	120
atgatgctct	agttaaagcc	ttggtaatat	atataaccaa	tgtttccaac	tgcatcctgt	180
tataaagaga	gagcaaattt	tattaaactt	atgtaaataa	ttcttgccat	aaaaataaag	240
aatactcatg	gatagtttct	gaattttaga	ggaatcaaata	agggacaaaa	aaaaatgttt	300
ccacctttgt	tcacaaagta	taccaaatta	ctggtaacta	a		341

<210> 1969

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 1969

tacggctgct	agaagacgac	tgaagggtgt	ggtacattca	gacattgtaa	tattaccac	60
tgctaaaaag	aaatgtgcta	ttaagctatg	aaaagacatg	gagaaaaatg	cattttacta	120
agtgaagaaa	gccaatctga	aaaggctaca	tagtatatga	ttccaagtac	agttgactct	180
tgaacaatac	aggtttgaac	tgcatagatc	tacttatata	gggatttttt	ttcagtacat	240
acagttggcc	ctctgtgtct	gtgggttctg	cctctgcaat	gaaacatgga	tagaaaaatc	300
agtattagcc	tgggcaacaa	aatgagaacc	tgtctctaca	aaaaatttaa	aaatttagct	360
gggcgcagtg	gctcacacct	gtan				384

<210> 1970

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1970

gaaaacattg	ctcctaactc	caccgcctac	cccaaaacct	ataagaacta	atgataatcc	60
caccaccctt	tgctgactct	cttttcggac	ttagcccgcc	tgacccagg	tgaaataaac	120
agccttggtg	ctcacacaaa	gcctatttgg	tggtctcttc	acatggacgt	gcatgacatt	180

gggtgctgaa	acccgggaca	ggaggactcc	ttcgggagac	cagtccccctt	cccctgtcct	240
cgccctcact	ccttgaggag	atccacctgc	aacctcggtt	cctcagacca	accagcccaa	300
ggaacatctc	atgaatt					317

<210> 1971
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 1971						
aactgttgga	ttttgttagt	attctctatt	atTTTTctat	tctccattct	acttatttct	60
actcttatct	ttattatttc	ttcccttctg	gtagatttgg	gtatggtttt	tttcttttct	120
tttttccaag	tttcacaatc	tgtagattta	ggttgttggg	ttgacgcctt	tcttatcttt	180
aaatttaaatg	gtgtatatgt	ataaattgcc	tcgtttgcac	tgttttcact	gtttcccata	240
cgtttggtat	ggtttctttc	atgtgcattc	atTTTTaagt	atTTTTctat	ttcccttgg	299

<210> 1972
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 1972						
ggttatcagc	caagagtttg	tatctagtga	aactaagcat	catatacgaa	ggaaagatac	60
attctttttc	agacaaaaca	atgctgagag	tatttgccac	taccaagcca	ccactatacg	120
aactgctaaa	aggagctcta	aatcttgaaa	caaattccagg	aaacacatca	aaacagaacc	180
tctttaaaagc	ataaatctca	caggacgtat	aaaacaaaaa	taccatttag	aaaacaaaac	240
aaaacaaaaa	ccaaggtata	caggcaacaa	atagcacaat	gaatg		285

<210> 1973
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 1973						
tacgggtcca	aaaaacaaca	aaagggtccg	gttgcaaaaa	aacaacaaaa	gggtccggtt	60
gcaaaaaaac	aacaaaaggg	tccggttgca	aaaaaacaac	aaaagggtcc	ggttgcaaaa	120
aaacaacaaa	agggttcttt	tttcaaaaaa	ccacacaagg	ttacgcctgc	atgcagacca	180
ctgaggggtc	cctctgtgac	aaaaccatca	acctttacgg	ctgccccaat	accaccaatg	240
ggtacgtctg	cgccaaaact	acagacgggg	acggtgtgag	acctcaacag	aagggtatga	300
ttttt						305

<210> 1974
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1974						
ggcacgaggt	gagccaaggt	cacgccactg	ccctcctgcc	tgggcaacag	agcgagattc	60
ttatctccat	aaaatgaaac	aaagcaaaac	aaagggagag	agaatggagg	ttgcctgtta	120
ctgcatcata	atcttgttta	tgctgactga	tgcattagag	gtactaatgg	catgagagga	180
acaatttctt	gagacacagt	ttactgacca	tgaatttcct	caaaacccca	gagagcaggg	240
ttctcaggag	gagactcagt	gtggaatccc	ttgccaaagt	agaccctggg	tctgtagcag	300
gacgagccgc	agacaaatct	cctcaagaca	ccggattaaa	gaaggaaaaag	gtttattttg	360
ccaggagcgt	cagcagattt	gtgtctt				387

<210> 1975
 <211> 368

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 1975
ggatgccatt ttcagcctca gcacgcctgc acccaggcgc tcattaaaac agcatgttgc 60
tccccactgc ctcggtgttg ctggtggcgc gctgtcgggg ttcgaaccga tacaagaacc 120
ttccacctac ctggtgcttt ggccctcatct ataagctttt ccactgtcct gaaacaagat 180
agagaatctg agcggccagt catctgccct aagtgtgtcc gccgaagact gaatgtcctg 240
gaaaagtttg tgctacatct ccattatgac aaaagcattg tgccgaacag atgaaaaaat 300
gcattgtcaa cggaatcttt tatgtttgtt tgtcttcctt taagcaacat tgccttactt 360
gttataan 368

<210> 1976
<211> 339
<212> DNA
<213> Homo sapiens

<400> 1976
gtggggcacg cctatatcc cagctactca ggatgctgag atgggaggat caactgggccc 60
tagggagggtc gaggtgtcag tgagctgtga tcgtgccact acactccagc ttgggcgaca 120
gagtgtgacc tcatctcaga ataatatgaa ataaaaata atataaaata aaatactata 180
aggagtcttt taggctgaaa ggacaacaaa ttagatggct agttgaatcc acacagagaa 240
ataaagagca ttggcaaaagg tcattgcata gataaatata cagtataaaa atatataggg 300
ttactctttt cttcttttaa cttaaattaaa agatgaatg 339

<210> 1977
<211> 342
<212> DNA
<213> Homo sapiens

<400> 1977
ggctgatgcc attttcagcc tcagcacgcc tgcacccagg cgctcattaa aacagcatgt 60
tgctcccccac tgcctcgtgt tgtctgttgg cgcgctgtcg ggggttcgaac cgatacaaga 120
accttccacc tacctggtgc tttggcctca tctataagca gcttttccac tgtcctgaaa 180
caagatagag aatctgagcg gccagtcac tgccttaagt gctgccgccc aagactgaat 240
gtcctggaaa gtttgctgtc acatctccat tatgacaaaa gcattgtgcc gaacagatga 300
aaaaatgcat tgtcaacgga atcttttatg tttggttgtc tt 342

<210> 1978
<211> 406
<212> DNA
<213> Homo sapiens

<400> 1978
cgttgctgtc gaaatggggc tgagtgcagt ggctcatgcc tghtaatccca gcacttaggg 60
tgccaatgtg gattacctga gccaggagt ttgagaccag cctgggtaac agtgagaccc 120
ccctccctac aaaagatttt aataattagt tgggcgtagt ggtgcatgcc tghtaatccca 180
gctactctgg agacaggtgg aggggattgc ttgagcctgg gaagctgagg ctgcagtagc 240
catgactgca ccactgcatt ccagcctggg tgacagagtg acccttgtct ccaagaaaaa 300
aaaaagcaaa tgggattaag gactcatgga atgggaagg gaaaggggag tcttactata 360
tgtggaataa acttgctcag tgttgccaca gaggttacatt accaat 406

<210> 1979
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 1979
 ggattttgat agggattata ttgaatctgt agatcaattt gggagaattg ccatcttaat 60
 gatattaagt cttccaattt atgaacttag gatgtctttc tatttactta ggtcttcttt 120
 aatttctttt ttttttttta aaaaaaaaaa tccccctctg ttacctccct gggacccccg 180
 gggctcaagc agcccttccc tttcaccccc ccaagaagtt aggcccccg gggccccccc 240
 cccctctat ttctgggggg aggaaggcac tcccctattt tctctcttt agaaatctgg 300
 gtgcgccatt ctgcgcccc a ttcgcctcc cctcctttcc ttgtctctc aacctct 357

<210> 1980
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 1980
 gccactggc gggactggac agatcacgc agaaaaactaa caaattctcg acttaaattg 60
 aagttttgac caaatggacg taatacacac gtacagaata ccctacccaa caaccacaga 120
 atacacattt tactcatctt tgcattgctt aaaaatgacc acatgctcag tcataaagca 180
 agtctcaata aattcaaaaa agcagaaatc ataccaagca tctgtttgga ccacagttga 240
 ataaaattag aaatcaatac caagaataac tctgaaaagc acgtaagtac atggaaatga 300
 aacagtttgc tcttgaatga cgtttggtta aacaaaatta aggcagaaat acaaattttt 360
 t 361

<210> 1981
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

<400> 1981
 cacatccatg aatgtcaagc gtccctaaaa tgaggaccac attgtttaca acactaaaaa 60
 tgtagaaatt gtactcaatt tagttgataa acatttttga atattaagct attaaaaatg 120
 gcagatcatt aaaaaacata gaaacttcaa ttccaatctc tagtaaattg tcacattcaa 180
 aaatatgtag tattttttaa aattcagatg gggttttact aggttgccca gaaagatctc 240
 aaactcctgg cttcaaggga agagttaaat cctgccccag cctcccaaga agatgggatt 300
 ataggcatgc accactaacc ctggcctata aatacacttt n 341

<210> 1982
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 1982
 ctctcaggct gtgtgagcca tttgagaaga tatacagcag aggaataact tcgtatgtca 60

ttctatgaag	ttcacatcac	ccattttacca	gaaccagact	aacaatgttc	ccgaaaaaaaa	120
ttacagatta	atatctctca	tgaccataaa	tgctaaaatc	agaatattgg	gacatcaatc	180
ccacaaattt	ataaagagaa	ttatacgcca	ttaccaagta	aatttttttt	tccaggtttg	240
taagactgg	tcaacattca	aacgttgatt	aatatgattc	atcacatgaa	aaagtataat	300
gagaaaacag	tacaatcata	tccctagatt	cagagagagc	atttgacaca	atccacn	357

<210> 1983

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 1983

ggctgatgcc	attttcagcc	tcagcacgcc	tgcacccagg	cgctcattaa	aacagcatgt	60
tgctccccac	tgctctgtgt	tgctctgttg	cgcgctgtcg	gggttcgaac	cgatacaaga	120
accttccacc	tacctgggtg	tttggcctca	tctataagct	tttccactgt	cctgaaacaa	180
gatagagaat	ctgagcggcc	agtcattctg	cctaagtgtc	gccgccgaag	actgaatgtc	240
ctggaaagtt	tgctgtcaca	tctccattat	gacaaaagca	ttgtgccgaa	cagatgaaaa	300
aatgcattgt	caacggaatc	tttn				324

<210> 1984

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1984

gctctttacc	ctcattggcg	cttctctcct	gcagtccgcc	tctggggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaatg	tggcttttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaagggtggc	gcgcatacata	agtgcattgt	240
cttttcatct	gctttgggtat	catcacactc	tgataatgaa	agtcttggtg	gatttttctat	300
tgaagatgg						309

<210> 1985

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1985

gctctttacc	ctcattggcg	cttctctcct	gcagtccgcc	tctggggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaatg	tggcttttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaagggtggc	gcgcatacata	agtgcattgt	240
cttttcatct	gctttgggtat	catcacactc	tgataatgaa	agtcttggtg	gatttttctat	300
tgaag						305

<210> 1986

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1986

actttaagat	ttatatgaaa	aggaaaaagc	attagaataa	tcaggagttt	tgaaaaagaa	60
------------	------------	------------	------------	------------	------------	----

aatgaagct	gaaagaatta	cactaaccga	ttttgagatt	tgctataaag	atacattaat	120
caagacaata	tggtgtagt	gaaaggatag	acccataaat	caatggaaca	taatagaggg	180
tccagaaata	aatccacaca	aatatggttg	attgattttt	aaaagttgca	agaattctga	240
aaggtgaaag	acagccattg	ctacaaatat	gccataacaa	acaaaaaagc	cattcttgac	300
ttatacaata	ctctatgatg	g				321

<210> 1987

<211> 365

<212> DNA

<213> Homo sapiens

<400> 1987

tcaaaagaaa	gttttaaccc	tgtgatatga	atccacacac	cacagagcag	tttcatggat	60
aactaaccac	tttctagttt	taactgggaa	taccctttt	ttcccttatt	actcaatgaa	120
ctgcagaatg	tccctttgca	tattccaaaa	agagtgtttc	caacctgctg	aaacaaaata	180
atactttaac	tctctgagct	gaatccacat	atcacaaagg	agttttctcag	ataggttctt	240
tctagatttt	gtctgaggat	atttggtttt	tctcataggg	cctcagaggg	ctcccaaagt	300
tctcctcaca	gattctacaa	aaagagtgtt	tcaaacttgc	tggatgaaaa	gaaaaattta	360
actcc						365

<210> 1988

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 1988

cgttgctg	ggataaaata	agggttttta	ttcccagcta	tctctctcaa	attttaagag	60
agatgttatg	gactgtgctc	tccccacaac	ccggcccata	agtcgcatgt	tgaagttctt	120
acctctagta	ccttggactg	tgactatatt	tggaaacagg	gccttttaaag	agacagttaa	180
gtgaaaagga	ggccttttagt	atgggcctag	tgtaatctga	ccagccctta	tcagattaat	240
aaagttaa	acacagaaag	ataccacaga	tgcattagcg	caaaggaaag	accatgtgag	300
cacacgaaga	gaaggcagcc	ataggcaagc	caaagacagt	ggccttagaa	gaaatcaacc	360
ctgccagtac	cttgatcttg	n				381

<210> 1989

<211> 124

<212> DNA

<213> Homo sapiens

<400> 1989

gctaaatcta	tccccatacc	cactcgacct	tactacgcta	caaccttagc	caagccattt	60
actccattaa	atgttttagtc	gatacaattt	ggttcttttg	cgccttacga	tattgtttcc	120
ggtg						124

<210> 1990

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(325)

<223> n = A,T,C or G

<400> 1990

cacgtgtggg	ggcttacgac	tcttaggctc	ccccttcaaa	aggcctttgt	ttgcgaatca	60
tgagatccta	atacttaaac	cgctctcacc	atcatgtgga	aaccatgtct	ttactacaac	120
tactgcattt	attctattgt	tctggctcac	atctgtagat	cccaactgct	ctggaggctg	180
aggcaggaga	attgcttgag	cccatgaagc	ataggttgca	gtgagccgag	atcattccat	240
tgcgctccag	tctggcgaca	gaacaagact	ctgtctcgna	aaaanacatt	ataaannnt	300
tttggcggcc	tttttttcta	aattg				325

<210> 1991

<211> 380

<212> DNA

<213> Homo sapiens

<400> 1991

cgttgtctgtc	ggtgaaccac	cgcgctggc	tgagataggt	tgttttttga	attaactatt	60
cttttttttt	tttttttttt	tccgaaccaa	aatttccttt	gggttcccc	ggctggaggg	120
ccggggggcca	aaaaataagg	cttctgggac	ccttggcccc	ccaggtttag	gggattcccc	180
ggccttaatt	tcccaagcag	gggggattaa	cggttggggc	ccctcccccc	gggggatttt	240
gttttttggg	aaaaaacggg	gtttttcaat	gggggccagg	cgtgttttga	atctcccacc	300
ctggggggac	caccctcct	tgggcctcca	acggcccgcg	gctaccagct	cgccacccca	360
ctcccatgca	ctgcagctctg					380

<210> 1992

<211> 352

<212> DNA

<213> Homo sapiens

<400> 1992

accaaaaagc	atgacatata	gaaaacaaat	aacaaaatgc	agaagtcagt	ccttccttat	60
ctgtaattac	attaaatgta	aatgaattaa	aaggcagaaa	ctggcagaac	agatgaaaga	120
aaaaacaagt	ccaactatgc	acagtctaca	agatactcac	tttggattca	aagatgcata	180
taggttgaaa	ggagaaggat	gaaaaaatat	attccatgca	aaaaacaagg	aacaaaagag	240
tggctatact	aatatcagac	aaaatagact	ttaagacaaa	attgttgggc	caggcacagt	300
ggctcatgcc	tgtaatcctc	agcactttgg	gaggccgagg	caggcagatc	ac	352

<210> 1993

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1993

ggcacgagcc	gagatgaagg	tgaagatgct	gagccggaat	ccggacaatt	atgtccgcga	60
aaccaagttg	gacttacaga	gagttccaag	aaactatgat	cctgctttac	atccttttga	120
gggtcccacga	gaatatataa	gagctttaa	tgtaccaaa	ctggaacgag	tatttgcaaa	180
accattcctt	gcttcgctgg	atggtcaccg	tgatggagtc	aattgcttgg	caaagcatcc	240
agagaagctg	gctactgtcc	tttctggggc	gtgtgatgga	gagggttagaa	tttggaaatct	300
aactcagcgg	aattgtatcc	gtacaataca	agcacatgaa	ggctttgtac	gaggaatatg	360
tactcgcttt	tgtgggactt	cttttttcac	tgttggtgat	gacn		404

<210> 1994

<211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1994
 cggtgctgtc gctattattc ctgagaattt gttatattag gattagcaaa aacaaagctg 60
 attggttaata taactaacat aaattgcttg gtaactttat ttttttaaga ttatgggtta 120
 gcgtgtgtca cattttatgg agttaattct acagtgtaaa gtttgagctt gatttttagca 180
 tttcagtgac ttgctaataa aataaataat ttaccaccat tgcctatac catttctttt 240
 gacaacagtg agctactgtt ataattaagg cagtaattac tattgagaaa ttcactgaag 300
 caggtagaag aagatagatt gacttgttgt tttcctttaa cagaaggatc aaaacccagc 360
 agagtgaag cagcagtga gcaagatgta tgtggccc 398

<210> 1995
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1995
 aattcgagcg gctgcttcct tttttttttt ttttttttaa aaagaaatcc accttttgtc 60
 cccagactat gaaggcaagg gggccaaccc agatgaatgg atccctctgc ccccggggta 120
 aaagaatttt ttgccctaac cctccaaaga agtgggatta aaggccctcg acacaatgcc 180
 agggtaattt tttggaattt aaaaaaaaaa ggggggttca atattgtggc taaggcggtt 240
 ttgaaccccc gaccgcggggg accaccccccc ttggcccccc aaaggggtgg gattaacggg 300
 ttggaccac gggccggggc tttccttggt tttttttaaa aaccaattag ggggggtgtg 360

<210> 1996
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 1996
 gatggcagtg ccaccatgct ggatcttgcc atggactgtg ggggtcaactt ggtttatgct 60
 ggacccggtg atgattcttt tttcatgttg gtactttgca tggttgtagt tcgtacaagc 120
 tt 122

<210> 1997
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1997
 agcatgaaga atttgctttc ttctttcttc ctaacatttt catgtgagat ccagaaagga 60
 cacattggct ctggccattc gaagaaagaa agaaagaaaa aaaaaaaggg tttttaaga 120
 cagaaagaga aaaaggctga aatgggttcc ctgggttcta aaaatccgca aaccaaacia 180
 gcccaagttt tttttttggg acttgactca cctggaaagt ctactctcct ttataaatta 240
 aagcttgcta aggatattac caccatccct acaatagggt tcaatgcgga aatgatccag 300
 ttggaaagga atctttcact cacagtctgg gatgttgag gacaggaaaa aatgagaact 360
 gttggggg 368

<210> 1998
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(345)
 <223> n = A,T,C or G

<400> 1998
 ccactacact aacaagcttc caatgaggaa acaaagttac cagaggaatc tgaagtctct 60
 ggtggccaca gcagcaacaa aactcaacaa tgacaaccaa agcaactacc aacatcaaac 120
 acagcccaat tcctagtcag attaagataa attaccatgt caaagggtta ttacctcag 180
 tatctattac gctatctaag atgcctgact tttacccttg agatacaaag catgcctaag 240
 caagaaaaat cacagtctaa ggagacaaag caagaatcag aaccagactt agatatgtaa 300
 cagttgttgg aactatcaga caggaaattt aaaataacca taatn 345

<210> 1999
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 1999
 gcaccttgag gaccattcac ttcttggatg caatcaaaga acttttccat ctcaattcct 60
 tctcccagtg tccacatagt gcccctcaat gtttcattct catgggtttaa agcactggct 120
 tcaggcgggtg aagatcagca aagacactcg ctccagctggg tatttgtatc aggctgggtt 180
 cctcagagaa ggagaaacta agccaacagg atatttgtgt gagtgtgtgt gtgtgtgtgt 240
 gtttgtgtgt gtgtgtaata tatgtcataa acatctattt actattgtat ggtatttatt 300
 tatgaataat attatatac 319

<210> 2000
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 2000
 agaggttgag gctgcagtga gctgacatcc ccactgcact ccagcctagg tgacacagca 60
 agactttgtc ccctgttatt aaaataaata aagattgagg ttggtccgag tacagaggta 120
 ttgcaactg attgattaca actaggtaca gatttgtttg ttccctctcc actcccactg 180
 ctttacttga ctagcctaaa aaataataat aataactctc tctatatata tatttttagac 240
 agagtctccc tctgtcacc aagctggagt tcaatgggca tgatcacgac ttactggagc 300
 ctcaaccttt ccaggctcag gttatccttc caacctaaact tttctgaaga gg 352

<210> 2001
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 2001
 gagcaccatc cccccctttt tttttttttt ggaaaaggga ccctcttttt gtcccccagc 60
 taaaaggggg gggccgggat ttgggttaat ggaaacctcc ccctcttggt ttaaggggat 120
 tttcttgctt acccctccaa aaaattggga ataacagggg cctgcccccc ccccggggag 180
 atttttgttt tttaaaaaaa aacgggttca ccgggggggg ccgggtgggt ttaaacctcg 240
 ggccctaggg ggaccccccc cctcgcctcc cccaaggggt tgtttttacg ggcaggacct 300
 cccccccccc 310

<210> 2002
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 2002
 ggctgactct cttttcggac ttagcccgcc tgcaccagg tgaaataaac agccttggtg 60

ctcacacaaa	gcctatattg	tggtctcctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcgggagac	cagtccccct	cccctgtcct	cgccctcact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggcagc	tgaagactga	tgctgcccga	ttgccttgga	agcccccta	300
gaccatcaca	gatgccgagc	ttcggt				326

<210> 2003

<211> 387

<212> DNA

<213> Homo sapiens

<400> 2003

cgttgctgtc	ggttttttaa	ggcaacatag	cattctacag	cagggttaat	ctattatcaa	60
gaacagtcac	cctggttaat	aacaagtttt	actgatcagt	tgctgggttg	ttggttgggt	120
ggcatgtggg	tgtgtgggtg	tataggtgtg	tgtgggtgtg	tgtgtctatt	ttaccccaca	180
cgtaccttta	tttaatgaag	agggatggta	actatatcat	aagtctcacc	atgacctgtt	240
ataaatttct	gatggaagct	cgcgagctat	gggcctttga	aataccctgc	tgatgtcata	300
ggcatatttc	tcacatgaga	actggaccaa	agggcttggt	ctgaaactct	gatgttgcca	360
ctgtttgcca	ccttcaattg	gctgccc				387

<210> 2004

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2004

ggaggatagg	catgaaccac	catgacctga	tgaaagaaat	ttttttaaac	caaactgttt	60
tacccaaaat	tttaatccag	agctttcatt	agatgacata	tcagagaaaa	taaagttgag	120
ccatataaac	atgtctcttt	tagccagaaa	tataatttag	attcaatact	cttttataaa	180
ctgagggttt	attactatct	atctcattac	tgaagtccta	aattaaagca	ataagatctt	240
tgtgtgtgta	tatatgttgg	atgtgttgac	acataagtac	atatgttatg	ttgtatgact	300
tgtctatata	gtaaaatttt	gcatagttgg	ccagaaatg			339

<210> 2005

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2005

cacttcgggc	tcccaaagtg	ctgggattac	agggtggaac	caccgcaacc	gacttaacct	60
cttttcatta	taaattaccg	agtctcaggt	atztatctat	agccgtgcat	taacacagtg	120
tctggctctg	tcaccagggg	agaagacagt	gatgagatca	tagctcacca	ctatggcctt	180
gacctcctgc	actcaagtga	ttctcccacc	ttagcctccc	aagacctggg	atgacagggtg	240
cccactgcac	aactgggtaa	attctttttt	ctattttaa	agcaggggtt	tactatgaga	300
cccagcctcg	tctgcaactc	tggggccaag	taatcatacc	gcg		343

<210> 2006

<211> 329

<212> DNA

<213> Homo sapiens

<400> 2006

tattcctaga	caaaaacctt	actattataa	atatgtcaat	tctaaacaaa	ttgattgata	60
aattaaatat	aatgtcaatc	aaaatcctaa	cagacttttt	tgaaactcaa	caagcggatt	120
ctaaaatgtg	tatggaaagg	cagaaagaca	agaatagcca	aggcactctt	aaaaaagaag	180
aacaggctgg	gcatgggtgg	tcacacctgt	aatcctagta	ccttggggagg	ccaaagtggg	240
aagatagctt	gaggccaaga	atlttagata	agcctaggca	agacagtgag	actctgtttc	300

cacaaaaatt taaaaactag cccggcatg

329

<210> 2007

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2007

aattcacaca	cacccaagca	gacacacact	acaaaatata	catgcacata	tgtaatagaa	60
aaccctgtct	tacatattat	taattcccc	aatttgtgaa	aagacagttt	tttaattgtg	120
aataattcag	agttgttctt	atggacaagt	ccatgaaaat	tgcttctact	ttttgttaac	180
tttcatcagc	ttttcatttc	tgctcttaat	tttctatggg	cttaaaaaat	acataaataa	240
accacttcaa	attgtttcca	aacaggctgg	gagagggtgg	tcacaccagt	aatcccagta	300
ctttggaagg	ccaagacagg	tggatcatct	gg			332

<210> 2008

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2008

ccctctgaag	acttggagtt	ctggatgggc	ctgaggggtg	gggaggcctg	ttagaagatt	60
ttattttttt	cgttttcctt	tttccttttt	gtgcagaacg	gagtcgcact	aagttgcccc	120
ggccggtctc	caactcctgg	gctcaagtga	ccctcccgc	tcagcttcct	gaagtgtctag	180
gaagtgaagt	atgatcgtgc	cactccattc	tggcctgggt	gacagagtga	gacccctgtg	240
tctattttta	aaaggaagct	agtggctgag	caccgtggct	tacgcctggg	atcccagcat	300
tttggcgagg	tggggcgaaa	gcatcatttg	aggtttggga	ccattcctgc	cccc	354

<210> 2009

<211> 163

<212> DNA

<213> Homo sapiens

<400> 2009

cccaggaggg	ttggccggac	acagtggtag	tggctcacac	ctgtaatcct	aatgcttttg	60
gagcctgagg	cgggaggacc	ccttgagccc	aagaagtcaa	ggccacaatg	ggctatgatg	120
gtgccactgg	tcttcgggct	gggcagcaaa	acaaaaccct	ggc		163

<210> 2010

<211> 392

<212> DNA

<213> Homo sapiens

<400> 2010

ggcacgaggg	cagtcaggat	ggtttgcctc	agcacctgct	accgggcaga	gacaaacacg	60
ggacaggaac	cccgggggct	gtatcgagta	caccacttca	ccaagggtgga	gatgtttggg	120
gtgacaggcc	ctgggctgga	gcagagctca	cagctgctgg	aggagttcct	gtcccttcag	180
atggagatct	tgacagagct	gggcttgac	ttccgggtcc	tggatatgcc	cacccaagaa	240
ctgggcctcc	ccgcctaccg	caagtttgac	attgaggcct	ggatgccagg	ccgaggccgc	300
tttggagagg	tcaccagtgc	ttccaactgc	acagacttcc	agagccgcgc	cctccacatc	360
atgttcacga	ccgaggctgg	ggagctgcag	tt			392

<210> 2011

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2011
 cggtggctgt cgagcccat tcatgtccac cgaagtctta tcgtactaca ctactccatg 60
 tcatcgcatc ccaccaggca tgccaacgca ttcatccagg cgaccaccca ggcattgtacc 120
 cactcaccta tccaccatc cacctaccta tttgtcacc atccacccat ccatccatcc 180
 aatcacccat ccaaccatca atccaacccat tttcatctga tcattttcga tccatctacc 240
 cgccaccca ttcactactc catccaccta cctatccatt tatcagccat ttacccatcc 300
 atccatctat ccatgcagat gtttattgag cacctgtgtg ctgggtccta tttgggagcc 360
 ttgttaacca ccaagacctt cctaggccat attgtggta 399

<210> 2012

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2012
 actacgactg cgacatgacg acagacaggg acgctgtag ccacaccctc actcataagc 60
 agtgccgaaa aggcttcatt cgagacctgt gggatggcat tgctttaatc atagccataa 120
 tacactgcta taaaactgct ttccacctca cgcgcactcc ttttatgttt cagcttcgcg 180
 gctaggcaac ttaagtcact tcctgtcttc cgcctcaggg tagagggcga gcgcttcgcc 240
 gtgggacttc ttctgcctgg ctccgcctct tgccccggaa gtactcacag cgtacggttg 300
 gtattggggc cgtttctgag cagcgcttcc tttttgtccg acatcttgac gaggtgag 359

<210> 2013

<211> 344

<212> DNA

<213> Homo sapiens

<400> 2013
 aggctgcagt gagctatgat catggtactc cattctggcc tgggtgacag agtgagaccc 60
 tgtctgtaat aaagcaaaca aacaaaaacc cttgaacagg aaaagctata ataaaaataa 120
 tggaagtaaa caatgatcaa tgccaggcac ggtggctcag gcctataatc ccagcacttt 180
 gggaagccaa ggcaggagga tcgcttgggt ccaggagttc cagactagcc tgagcagcac 240
 agcaaaaatc tctacaaaaa aaaaaaaacc ccagcccggg ttaaggggtt aacccttgaa 300
 atccaacccat ttggggaggt tgaggcgggg ggaaaaaccgg agga 344

<210> 2014

<211> 341

<212> DNA

<213> Homo sapiens

<400> 2014
 gtctgacagc ctaggtttaa ttataatcaa taatctatca tcattaaact gttaataatt 60
 atgtaagatt tttggctctc acataagtta aactggcctg actagcaa atgcatgtaagt 120
 tttttttaata tataatataac tcagggtctc gcttttaatt ctataaagt cattatggaa 180
 ataaaaatcta tttatttagt agatcaagat aatattctca gttgggcatg gtggcacatc 240
 tataatctca actactcagg aggcagggtg gaggactgtt ggagcccagg agttcaagac 300
 cagactaggc aacatagtga ggcctgtct cattaaaaag a 341

<210> 2015

<211> 342

<212> DNA

<213> Homo sapiens

<400> 2015
 atcattagat tggagagccg ccaaacacct aaactatatg aagctaaagt ctgtttaaga 60
 aagagcccat ccaggctggg tgtgggtggc catgcctgtg atcccagaac tttggggggc 120
 caaggtgggt ggatcatgag gtcaggagat cgagaccatc ctggctagca tgggaagcc 180

ccgtctctac	taaaaatacg	aaaaaataat	tggccgggcg	tgggtggcggg	ttcctgtggt	240
cccagctact	caggaggctg	aggcaggaga	atggcatgaa	cccaggaggt	ggagcttgca	300
gtgagccgcg	attgcgccac	tgcactccag	cctgggcgac	ag		342

<210> 2016
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 2016						
agcctgggca	acagagtaag	actctgtctc	aaaaaaaaat	aaaaaaaaaa	aaagggaaag	60
aaaaacccca	attgataaat	ttaccaaaaa	aggacattaa	ccggatttta	ctttacttat	120
ggccaaaaag	gaaaaaaaaa	acataggctt	taagggaaaa	cttgattgtt	gtaaaaaaaa	180
ttaaaaaaaa	gccaaataaa	acttttaggg	ataaacccgg	ccgggggggg	cccatccctg	240
aagccccacc	tatttgaggag	gctaggcgga	aaaattgttt	aaaccaggga	gggggggggt	300
acaaagagcg	gggatcggcc	cattgcactc	caccctggca			340

<210> 2017
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 2017						
ggcagaaatc	aaaagcaccg	accagatagg	aaaaaaacag	acaaattaga	cttcaacaaa	60
actaaacatt	cgtgtctcct	aagaggaact	tttaggccag	gcgcagtggc	tcatgactgt	120
aatcctagca	ctttaggagg	ccggggcggg	tggatcacga	ggtcaggagt	tcaagaccag	180
cctggccaag	atgggtgaaac	cctttctcta	ctaaaaatac	aaaaattagc	cgggcccagc	240
tgggtgcggt	ggctcacacc	tgtaatcctt	gcact			275

<210> 2018
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 2018						
agggtttatc	acatgggtag	actcaagtac	ccatgtgata	aaatgtcaca	gaactatata	60
ccaaaacaaa	tagacaaaaa	gagtgcacgt	atatcctggc	gaaatccaaa	taatatctgc	120
acctgagtta	acagtattat	tgcatacacag	tcacttttct	ggctttggcc	atttactatg	180
gttatataac	attattattg	gaagaagtta	gctaaagagt	atatggggac	tttatactat	240
aatttttgca	actcttgtgt	agtctctaac	tgggtagtgt	gaaatagttc	tgccacctct	300
gacgcaccac	tgtcaa					316

<210> 2019
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 2019						
ttcatgaggg	gctgatctgg	ctttgggggtg	gtattaattg	tttttttttt	cccccttttt	60
tttaaaaggg	gaactggcgg	ggttgccaag	gcgggtctca	aactttgggg	ctaagggggc	120
ctccccatcc	cacctactcg	gggggttgag	ccaggaaaat	ccttcgaccc	cggaaggcaa	180
aggtggcaag	ggcccacaat	ggtcccacgg	ccctccaccc	tgggggacaa	acaaaaattc	240
cctctcacac	aacgagagaa	ggaaaactaa	aggaaatccc	ccggaaaccc	ccgtgaaagg	300
ccggaaagcc	cc					312

<210> 2020
 <211> 329

<212> DNA
<213> Homo sapiens

<400> 2020
gcacgcacac acacacacac acacacacac acacacggta ttgaaactag aattcttttca 60
atgggtgtatt ccccatactt atttatgtct caaagactga tcttcaaaga agacagagac 120
ttccagtgtgta agacagttga aaatatttgg ctgtgaccag caacaaaagg caaacaagtg 180
tcaaaaaggt ctttgctatt gtaaggagat tctcttttac tgatctaaac aaaaggctct 240
tctcacttct ctatttccca tcctggcgca ttaaccattt atatttaatt aagcccttct 300
tatatttctc aaacagcagt atttatgct 329

<210> 2021
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 2021
gagaattgct tgaacccggg aggcagaggt ggcagtgagc cgagattgcg ccactgcact 60
ccagcctggg tgacagagca agactccatc tcanaaaaaa aaaaaaaaaa aaaaaaaaaa 120
accccgcccc cggaactaa accctgaaac ccaagaattt gggggggccg ggggggggga 180
ataacaaggc ggggatttaa aaaccaccg gtttaagggg aaaccctatt ttaataaaaa 240
aaaacaaaaa taagtggggg gggggggagg cccctggat ccccaattcc tcggaaggct 300
ggggcaaaaa aatccttgaa ccccgggggg cgggggtttc agagacccaa aatggccccq 360
ttgaactcaa gtggg 375

<210> 2022
<211> 382
<212> DNA
<213> Homo sapiens

<400> 2022
cgttgctgtc ggtgaaccac cgcgccctggt tgagataggt tgttttttga attactatt 60
cttttttttt tttttttttt ttttgaaaaa aattttcttt tttttcccc acctgggggg 120
caggggggca aagataaaag ttaattggaa cctttgcctc ccaggttaa gggattcccc 180
ggctttaatt tcccaaggcg gggggattaa ggggagggc ccttaccctt ggggtgtttt 240
tttttttggg gaaaaacggg gtttttcctt tggggcaagg gtggttttgg gttccccacc 300
cggggggaat aacctttttt ggccccccaa agggggggga atataggggg gggccctggg 360
ccccaacctt ttttttaaaa tt 382

<210> 2023
<211> 349
<212> DNA
<213> Homo sapiens

<400> 2023
gcgcgcaggc tgcgcagtcg cgccggcgac cacacctaaa tagccgcagc ctctgcgcgt 60
cgccctccac ggttaccocg gctctccgce cctccttctc gcggggctcg agggaccatg 120
gccgatcctc gcgtgagaca gatcaagatc aagaccggcg tgggtgaagcg gccggacaaa 180
gaatatttgc tgatgatttt ctaggcatac atgttgtgga atccattgta aaatggacct 240
tgggtgccggg tgagtatagg aataaacccg gctgaaaaaa tacgtggctt aaaacatgct 300
tgttttagttt agacgggtcg aatttcaata agctctttct ggggtctcc 349

<210> 2024
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 2024									
actacttgct	atgtatgttc	ccctagctgc	atttgaaccc	ctggggttcaa	gtgatcctcc				60
cacttcagcc	tccccggtag	ctgggactat	aggtgcatgg	caccgggcct	ggctgttcac				120
tcctcctttc	ataagcaaag	gcacagtttc	ttttcttgta	agagatgggc	taggttgtgt				180
agattgagct	ttctaataaa	aacaactaaa	agtgttgaat	aaaaatgtct	taaaaacatc				240
gaaaagttaa	cacggtagaa	atgaaattgg	gaactcagat	aagctgaacg	tggaaactgc				300
ttttgccttg	cgaacatttg	ctcaactaag	tgaacttgaa	ctttgggtt					349

<210> 2025
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 2025									
actacttgct	atgtatgttc	ccctagctgc	atttgaaccc	ctggggttcaa	gtgatcctcc				60
cacttcagcc	tccccggtag	ctgggactat	aggtgcatgg	caccgggcct	ggctgttcac				120
tcctcctttc	ataagcaaag	gcacagtttc	ttttcttgta	agagatgggc	taggttgtgt				180
agattgagct	ttctaataaa	aacaactaaa	agtgttgaat	aaaaatgtct	tataaacatc				240
gaaaagttaa	cacggtagaa	atgaaattgg	gaactcagat	aagctgaacg	tggaaactgc				300
ttttgccttg	cgaacatttg	ctcaactaag	tgaacttgaa	ctttgggtt	gn				352

<210> 2026
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 2026									
ggcactggag	gaagataact	caaaataaga	ggcagctatg	acaatcccac	agcaaacatc				60
atactgaatg	ggttaaagct	ggaagcattc	ctcctaagga	ctgaaagaag	acaagaatgt				120
tcactcacac	catgcttatt	caacatagca	ctggaagtct	tagccagaac	aattagtcaa				180
agaaagaaat	agacatccaa	attggaaaaa	aggaagtcaa	attatctctc	ttcactgacg				240
atatgattct	atacctagaa	atactaaaga	ttctgccaaa	tctcaggata	caaggattag				300
cttacaaaag	ttaatagcat	ttccatacac	caataactaa	gctgag					346

<210> 2027
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 2027									
gctcttcaag	taaatactac	tgatttgtca	ccaaaggagg	tcaactccaa	ggaaagcttt				60
gcatttaaac	cagaaaatat	ctcagaagaa	aatgcaaccc	acatatttat	tgccattaaa				120

agtatagata	aaagcaattt	gacatcaaaa	gtatccaaca	ttgcacaagt	aactttgttt	180
atccctcaag	caaatcctga	tgacattgat	cctacaccta	ctcctactcc	tactcctact	240
cctgataaaa	gtcataattc	tggagttaat	atttctacgc	tggtattgtc	tgtgattggg	300
tctgttgga	ttgttaactt	tattttaagt	accaccattt	gaacctn		347

<210> 2028
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 2028						60
cgttgctgtc	ggtcggagag	ccagcgggact	ctgacaagcg	tcattgccagt	gacttcgccc	120
tgtggaaggc	ggacaaaccc	caggaggtgt	tctgggcctc	tccctgggga	cccgggagggc	180
cggtctggca	catctagtgc	tctgccatcg	ctagtatggt	atttggaagt	caactggata	240
tccattcaag	tgggatagat	ttagcttttc	cacatcatga	gaacgaaatt	gcacagtgcg	300
aagtctttca	tcagcgcgag	cagtggggaa	attattttct	gcattctggg	catttgcacg	360
ccaaaggcaa	agaacaaaaa	atgtgccaat	cattaaagaa	ctacgttact	attaaggact	389
ttctgaagac	cttttcccc	gatgtctta				

<210> 2029
 <211> 189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 2029						60
gaccactac	ctaaaaaatc	ccaaacatat	aactgaactc	ctcacaccca	attggaccag	120
gnnggaagnn	aaaagaaaaa	ggaaaagggg	gcggtttttt	tcggaaaccc	caacttggaa	180
aaaacctttg	gggggggtggg	cacaccccca	ttttaagggg	ggggaaaaaa	tttttttttt	189
tggggaattg						

<210> 2030
 <211> 215
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 2030						60
tacggttgct	agaggacgac	ggatgggctg	atgccaat	ttctgggaga	gccacttta	120
aaacccccta	taccagagga	gctacctaag	aacaggtttc	nagagcacac	cccgtctatg	180
tactcacaat	agcggggaga	atttataggt	tgaggctgac	aaaccttccc	agcctggggg	215
atttctgggt	ttgccaaaat	agaactctta	gttcn			

<210> 2031
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 2031
 cggttttataa aagccttggg ttccaaccag gcagtagatg tgcttctgaa ccgcaaggag 60
 caaacactga aataaaatag tttatTTTTT acactcaaaa aaaaaaaaaa aaaacctccg 120
 ggggccggtt tttccgtaaa cccaaacttg aaaaaaccct tggaggagtt gggccaaccc 180
 ccacctaaag ggcggggaaa aaagggcttt tttggggaaa ttggggaggc tttggtttta 240
 ttggaacca ttataggcgg caaaaaacag gtaaccacca ccaatggctt tctttttatg 300
 ttccgggttc gggggggggg ggggggggtg tannccccc ccccccncce ccccccncce 360
 ccccnccncc cnccaccccn ccccccccn 390

<210> 2032
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2032
 cggttgctgtc gcacgggtttt gttttgttgc ccaggctgga gtgcaggggt gcaatcgaag 60
 ctactgcag cctcgaccac ctgggctcgg gtgatcctcc tgccctcagcc tcccagtatc 120
 tgtggccaca agcacacccc accatgcccc tttaatTTTT taagggattt cttgtacata 180
 tgggggtctca ctatgctgcc cacgctggac ttgaactcct ggccaccaag gggagctcct 240
 atctcggact ccggagggggc tatgattacc cgtagataga catttacttt aggaagaggc 300
 tcttaaaggc aataaaacgc ttcccatcca agagaatcac gctgcaatcc tgggcccacag 360
 agcttttttaa aaaatcgatg cctgaccttc aacg 394

<210> 2033
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 2033
 tacggctgct acaatatcac agaagggctg gtcttgaact gctgggctga agggatcagc 60
 tggctcttgg ctcccaaaag gctgggggtta caggcatgag ccatggtagc ccgccaagtg 120
 aactattaat acacacaacc tggatacatc tcaagagaat tatgctgagt gaaaaaacag 180
 acaacacaca tacggccacc taatttatga ctaagggata ctgcagccaa ctaaagggaag 240
 ttatcttcaa taaatgggtc tgtgtcaact gaataacat atagaagtat ataaatcttg 300
 atttctactt cgtataaaca aaaaagatct aatttctaat tatagacctc ataaacttaa 360
 ggaagaaaca ataaaactta tgggaagaaaa catcacgagaa tatn 404

<210> 2034
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 2034

ctggatgtca	gcaagaatgg	aatacaggag	tttccagaaa	atataaaaaa	ttgtaaagtt	60
ttgacaattg	tggaggccag	tgtaaaccct	atttccaagt	aagttctcag	gctccctgat	120
ggattttctc	agctgtttaa	cctaaccag	ttgtatctga	atgatgcttt	tcttgagttc	180
ttgccagcaa	atTTTggcag	attaactaaa	ctccaaatat	tagagcttag	agaaaaccag	240
ttaaaaatgt	tgcctaagta	agtaaagggtg	ctattcttta	aaaaacttaa	tttataattt	300
ttaatgatta	agtctttana	aatgtaaatt	tttattacct	anaatgtggt	gcg	353

<210> 2035

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2035

gtgcgtccgt	cgattgagat	ttgacgacag	acaggggtccc	gtgtgttgct	gccacagcta	60
cagttcagtg	acaagaaagc	tatatctgta	atggctgtga	tgcgattgct	ttatttggtg	120
cctgtattct	ctgcactttg	cgaaccgacg	ccgacagttg	cattgatttc	atgatttagg	180
taccgacca	ggtgtgca	gttcaggact	ctgtctctcc	acccctcata	taaaagaaaa	240
aaggaaaggc	atgactctga	gggtaattct	aggaaggcat	gtgggggtggg	aaaaggagcc	300
agcgggtgtga	ttaaagaatg	acatgggtact	agaggggatgc	agatctagat	aatattgaaa	360
ggccagg						367

<210> 2036

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2036

tacggttgcg	agaatacgac	agaagggtcg	gatgtcagca	agaatggaat	acaggagttt	60
ccagaaaata	taaaaaattg	taaagttttg	acaattgtgg	aggccagtgt	aaaccctatt	120
tccaagtaag	ttctcaggct	ccctgatgga	ttttctcagc	tgttaaacct	aaccagttg	180
tatctgaatg	atgcttttct	tgagttcttg	ccagcaaatt	ttggcagatt	aactaaactc	240
caaatattag	agcttagaga	aaaccagtta	aaaatgttgc	ctaagtaagt	aaagggtgcta	300
ttctttaaaa	aacttaattt	ataattttta	atgattaagt	ctttaaaaat	gtaaattttt	360
attacctana	atgtggtgca	an				382

<210> 2037

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2037

cgttgctgtc	gggaatgcc	ttggcagcct	gccaaggaa	gctgccaggc	agaactatgt	60
ggatttggtg	tccagtttga	gtccttcatt	ggaatcctct	agtcagggtg	agcctggaac	120
agacaggaaa	tcaactgggt	ttgaaactct	ggtggtgacc	tccgaagatg	gcatacaaaa	180
gatcatgttc	aaccggccca	aaaagaaaaa	tgccataaac	actgagatgt	atcatgaaat	240
tatgcgtgca	cttaaagctg	ccagcaagga	tgactcaatc	atcactgttt	taacaggaaa	300
tggtgactat	tacagtagtg	ggaatgatct	gactaacttc	actgatattc	cccctggtgg	360
agtagaggag	aaagctaaaa	ataatg				386

<210> 2038

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2038

aggtaactga	atccaacaac	atatcaaaaa	gataatccat	catgtgatca	agtgggtttc	60
ataccaggga	tgcagggatg	gtttaacata	cacaaatcaa	taaatgtgac	acaccacata	120
aacagaatta	aaaacaaaaa	tcacatgatc	atctcaacag	atgcagaaaa	agcattcaac	180
aatccagca	tccctctatg	attaaaactc	tcagcaaaat	tggcatataa	gggacatacc	240
tcaatgtaat	aaaagccaac	agccaacata	atactgaata	gggaaaagtt	gaaaacattc	300
cctcttagaa	cttgaacaag	aca				323

<210> 2039

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2039

gtatacctgg	actttataga	aagtattaaa	cttgtatcta	ttactttata	aagcagggca	60
ctgaatatat	tgagagagaa	taccagctag	aaactttaag	aatataacat	ctttttggaa	120
acaacaatgt	ttattttaaac	aattattttac	catgaccaag	tggatatttat	cccaggaatg	180
caaggggtgg	tcaacacaag	aaaatcaatt	gatgaaatat	atcacattaa	tggagaaaaa	240
aacatatata	tcactctaac	tgatgcaaaa	aatatatttg	acaaaattca	gcactctatc	300
agaaaaacct	ttagaaaaan					319

<210> 2040

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2040

cgttgctgtc	ggcttcctaa	ccatcgagat	taccagcaat	gtgcagtacc	tgaaaagcag	60
gatattatga	agaaactgaa	ggagattgca	ttcccaagga	cagatgaatt	gaaaaacgac	120
cttttaaaga	aatataacgt	agaataccaa	gaatatttgc	aaagcaaaaa	caaatataaa	180
gctgaaattc	tcaaaaaaatt	ggagcatcag	agattgatag	aggcagaaaag	gaagcggatt	240
gctcagatgc	gccagcagca	gctagaatcg	gagcagtttc	tgtttttcga	agatcaactc	300
aagaagcaag	agttagcccg	aggtcaaatg	cgaagtcagc	aaacctcagg	gctgtcagag	360
cagattgatg	ggagcgcttt	gtcctg				386

<210> 2041

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2041

attctccgta	ttcaccttct	gtctctccag	tttgggggca	gctgtttgac	ctgtgactta	60
acttctctta	cagatctaag	aaaagttggt	gatttttcag	tttgttttagc	tttttacttg	120
ctcttaagat	tgagtgcag	atTTTTTTTT	gcattttttt	attgcgataa	aatgtattaa	180
tacaaaacat	ttatcattta	cgtgtacagt	tctgtggcat	tagatacatt	cacactgtgc	240
aattaggact	cttaaaaagga	aaaagtcaca	tactgttaga	agggtcatat	aaggctttat	300
agaaaggatt	tttaagatga	gcttctatat	atcaattagg	agaacatttc	agtagaact	359

<210> 2042

<211> 354

<212> DNA
<213> Homo sapiens

<400> 2042
atacaaaaaa ttagccaggg gtggtggtgc acacctggag tcccagctac tcaggaagct 60
gaggtgggag gatcacctga gcctggggag gtcaagactg cattgagcca tgatcctgcc 120
actgcactcc agcctgggtg acagagcaag actccatctc aaaaaaaaaa aagcaggtaa 180
aaaaaaattt tttttgtata aagccaaaaa tatataaaag ggcaaaaata ggcggggggg 240
gggggctacc cctgaaaccc caccattttg gaaggccagg gggggcaaat cacgaggccg 300
ggaaattgaa accatcctgg ttaacagggg gaaaccccg ctttactaaa aaaa 354

<210> 2043
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 2043
ggcacgagag gggctggatg cctttcatcc caactattct ctgtggtatg aaaaagaaaa 60
aaaaaaaaaa aaagggatcc ggccccggcc ggggggggtc acccctgtat tcccaccttt 120
ttggaaaacc aagtcgggca ttcttttgaa gtcgggagtt aaaaaccacc cggcccaact 180
gggggaaaagc ttgtttttt taaaaaaaca aaattttacc ggccgggggg ggggccccct 240
gtattcccag gtttttgggg ggactgaaac agaaaaatcc tttcaccccg gggggggggg 300
gttgcataaa ttcaaaaggg cccccttggg ctccaccctg ggggacaaag cgaaactcct 360
tttaaaaaaa aaaagggatc ggccaaaaaa cccccggggg tn 402

<210> 2044
<211> 331
<212> DNA
<213> Homo sapiens

<400> 2044
tgctggccac accagcccc tttcacctcc agtgccacaa taaacctgta cccagctgtg 60
tcttggtgtc ccttcccctg tgcacccgga ggggcagaat ttgaggcacg tggcaggggtg 120
gagagtaaga tgggttttctt gggctggcca tctgggtggt cctcgtgatg cagacatggc 180
gggctcatgg ttagtgaggg aggtacaggc gagaccccat gtgccaggcc cgggtgccac 240
agacatgagg ggagccactg gtctggcctg gcttggagggt tagagaaggg tagttaggaa 300
gggtagttag catggtggct catgcctgtg g 331

<210> 2045
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 2045
ttgtttgcag aataaaacttc agtgttatac tcggcttaat catttgcatc aagtgtacca 60
agaataatta ttttcacata ggcttttaaa attggctctg atggaattct attccatacg 120
gaatctcaga taagactgtt tttttttgag ttggagtttt gctcttggtta cccaggcttg 180

agtgcagnnn	cnnnnnnnn	ntttantnnn	nnctnnncc	tnttnactca	attgatcctc	240
ccacctcatc	ctccccaata	actttttacan	cctttccata	ccaccactcc	tttttaattt	300
aaaaaaaaat	ttt					313

<210> 2046
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 2046						
aggctggtgt	gcaactggtgc	gatctcggat	cactgtaacc	tctgcctcca	gggttcaagc	60
aattctctgc	ctcagcctcc	cgaggagctg	ggattatagg	cgcccaccac	catgccccgc	120
taactttttg	tatttttagt	atagatgggg	cgtcaccatc	ttgtccaggc	cggtatagaa	180
cttctgtcct	cctggggacc	caaaatgggc	tcctaaaaaa	ggagggttgg	gacctgatgt	240
ccagggtctt	ttgaagggtg	gggactgccg	cgccccccct	ccaccggggc	cagtattttt	300
gtttaaaaat	ataaacggtg	cgcc				324

<210> 2047
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 2047						
ggcggggatgg	aggcgggcggc	cgagccttta	tattttgtcc	ggcgtcaggc	acatcatcct	60
ggtcctgtca	ggaaaggggg	gcgttgggaa	aagcaccatc	tccacggagc	tggccctggc	120
actgcgccat	gcaggcaaga	agggtgggaat	cctggatgtg	gacctgtgtg	gccccagtat	180
cccccgcatg	ctcgggggcgc	agggcagggc	tgtgcaccag	tgcgaccgcg	gctgggcacc	240
cgtcttctctg	gaccggggagc	agagcatctc	gctcatgtct	gtgggcttcc	tgtctggagaa	300
gccggacgag	gccgtgggtgt	ggagaggccc	caagaaaaac	gcgctgataa	agcaggttgt	360
gtccgacgtg	gcctggggggg	agctggacta	cctgggtgg			398

<210> 2048
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 2048						
actatcgatt	gcgagacgac	gacagacggg	gatcagctctg	ttcctaccac	acttctgggg	60
ccataacgaa	atggctgcat	gagtgaagac	tgtgatgcta	tcgctctata	ccaaaccatt	120
atgatctgca	ataatctggt	tagcaaccac	agttgcgttc	attttgtgtt	ttatggtact	180
aggggtggcg	tggaaagatc	acgataacat	ccagaattgg	catctcttct	ttacgttttag	240
atgaactaga	ggagcgcgag	catacacatt	caaaagctag	cagaaggcaa	gaaataacta	300
aaatcagagc	agaactgaag	gaaatagaga	cacaaaaaac	ccttcaaaaa	attaatgaat	360

<210> 2049
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2049						
ccaaagtgtc	gggattacag	gtgtgagcaa	ccacaccccc	gcctcatgct	ataacttttt	60
tttttttttt	taaaaaaagc	ctcactttgt	acccaaggct	gaagggggta	ggggaataaa	120
gggggttaat	tgaaaccttt	gcctccgggg	ttaaaggaat	tttccggcct	aacctcctg	180
agaagctgga	actacagggg	cctgccacca	accgggtta	atttttttgt	tttttaagaa	240
aaaacggggg	ttaaccacgt	gtggaaggcg	ggtttcaaac	aactgacctc	aggggatcca	300
cccacctggg	cct					313

<210> 2050
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 2050
 actgtggatc tgtccccagg tttggctggg ggtttggttt ttagtagaga tgaggtctca 60
 ctatgttctc aaactcctgg gctcaagtga tcctcccacc ttggccccct aaagtgctag 120
 gattataggt gtgagccact gcatttgggc gccgtgaaaa gctttgagaa ggctaacgga 180
 aaagcaaggg agagccctgg gcacacagcc ccctcgagga ggcaggtagg gccccacctc 240
 acggtgtggg tcacagagct ttactccctg catttccagc catgaggggt tgggggccat 300
 ccacccatca gatactgggt aggaagggtga tcacggctca gtgcaaggga ct 352

<210> 2051
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 2051
 actgtggatc tgtccccagg tttggctggg ggtttggttt ttagtagaga tgaggtctca 60
 ctatgttctc aaactcctgg gctcaagtga tcctcccacc ttggccccct aaagtgctag 120
 gattataggt gtgagccact gcatttgggc gccgtgaaaa gctttgagaa ggctaacgga 180
 aaagcaaggg agagccctgg gcacacagcc ccctcgagga ggcaggtagg gccccacctc 240
 acggtgtggg tcacagagct ttactccctg catttccagc catgtgggtt tgggggccat 300
 ccacccatca gatactgggt aggaagggtga tcagggtctca gtgcaaggga ag 352

<210> 2052
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 2052
 ctcatcatgg taaagacttt atatgaaaaa ttcacagcta acatcacatt caattatgaa 60
 atgatgaaag catttcccct aagattaata acagggcaag ggtgtctact atcctcactt 120
 atatttaaca taatattgaa agttctagcc agagaaattg ggcaaaaaaa aaaaaaaaaa 180
 aaaattgggg ggggggtttt tcggaaaaatc cagcctggaa aaaatccttg ggggggtgtg 240
 gcccccccc cttaggaggg ggggaaaaaa gggtn 275

<210> 2053
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 2053
 gaagacttac ttaccctaag tatatatgca cccaacattg gagctcccag gtttataaaa 60
 caattacttc taaaccagg aagagactta gtcacacaac aacagtggag aacttcaata 120
 cccactgac agcatttagac agatcatcaa gttataaaac taacaaagaa attctggact 180
 taaaaattga acacttaacc aataggacct tataaatata taaagaatat tccacccaac 240
 aaccacagaa tataaattat tcttatctgc acatgaaacg tactctaaga tcaaccacat 300
 attcattcat aaaaaagcct caataaatc aaaaaaattg aaattttaac aagcatatc 360
 tccaaccaca ggggaattaa aata 384

<210> 2054
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 2054							
tgtgtggtgg	cggcaccgct	cacaaacacc	cccactccgg	ccgcccgcaca	gtctgaacag		60
ctcagagttg	aaccggcagc	gtcggggcatg	ctggttgcatg	gagcaggcta	ggagcaaaat		120
gggggtggggg	cgcacacagg	ccgagtggtgc	tgctccccag	tcctcagctt	tcttcccatg		180
gccctgccct	catgaaagga	agccgtgagt	gtccaaggta	gaagagaatg	cctgggtccc		240
aggacacctc	tattattatc	tttttttttg	agacggagac	tcactctgtc	accagggtg		300
gagccgaata	tttttttgcc	aattctgtta	cg				332

<210> 2055
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 2055							
cggtgctgtc	ggtctgatgt	tggcctaggg	aagggacggt	actacagtgt	aaatgtgccc		60
attcagagtg	gcatacaaga	tgaaaaatat	taccagatct	gtgaaagtgt	actaaaggaa		120
gtataccaag	cctttaatcc	caaagcagtg	gtcttacagc	tgggagctga	cacaatagct		180
ggggatccca	tgtgctcctt	taacatgact	ccagtgggaa	ttggcaagtg	tcttaagtac		240
atccttcaat	ggcagttggc	aacactcatt	ttgggaggag	gaggctataa	ccttgccaac		300
acggctcgat	gctggacata	cttgaccggg	gtcatcctag	ggaaaacact	atcctctgag		360
atcccagatc	atgagttttt	cacagcn					387

<210> 2056
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 2056							
tgggacaaca	ggggctcacc	accacaccca	gctagttttt	tctgtagttt	tattagagaa		60
gtgggttttt	cgtgtaggcc	aggggggtct	caaacttctg	gtctcagggt	atccacccat		120
ctcagccttc	caaagtactt	ggattacagg	agtggccacc	acgcccaccc	tacacatagc		180
tctttttttt	tttttttttc	aagaaaaaaa	tttttttttg	tccccaggt	gcaggaagat		240
gggtttttttg	ggtacaccag	aatctttttt	tccagggttt	aagccagtat	ggaggccgat		300
atctttgggt	gcgcggggta	tacacacgaa	ctgtccaaac	ccggtgtgat	tgttggtcct		360
acaaaagatg	ctggagcata	t					381

<210> 2057
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 2057							
cggtgctgtc	gacggttttt	ctgccttagt	ctccctagac	gctgagactg	ccggcatgtg		60
ccaccacgtc	cagctaatac	tttgcgcttc	tagaagacat	ggggttactc	cctgtatttg		120
aggctgggtc	gagagtcctt	gacctatttg	gaccagtcca	cctctgcctc	ccaaagggtc		180
cggaaacaag	cgtcgatcct	tctatgcctg	accgacaacc	ttatgtctta	gcctgagttc		240
ctcagcctta	atgtgagatc	ctcaaactgt	tgacatacta	attaatatgt	atctactgag		300

actgagaaag	acactaat	ctttctaa	catgaagatt	tactgattat	cttatatgta	360
aaacatttta	gcctatatgt	tggaaatctgg	agccaatga			399

<210> 2058
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 2058						
tggaaccagc	aaagcatgaa	aggtttaaga	cacttcatca	gttgggtttt	cttgccctga	60
aaaagggggg	atagaaaatg	atttggttaag	cactccctct	ttcacttcct	ttggaagggg	120
ttggggcaaaa	taagtattat	ttcctcctca	tatacgtaga	attagttttt	ttgggttttt	180
gtttgtttgt	ttttgagaca	gagtttttga	gactctgtca	cccaggtggg	agtgcaaggt	240
cgcgatcttt	gctcactggt	ttctctgcct	cccaggtaca	agcgattttt	ctgtcttata	300
cccctgagta	tctatgaatg	atatttgtct	gccct			335

<210> 2059
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 2059						
ggattcctta	aaccttgagc	cttggagggtt	gaggctgaag	tgagccaaga	tcacaccact	60
gcattccatc	ctatgtgaca	gagtggagaca	ctgtctccaa	aaataaaata	aagattttaat	120
caaaataaaa	tatggtacat	aaaaatcaag	gaagaccatg	tggccatata	aaaacacaaa	180
gccaggcact	gtggctcatg	cctataatcc	caacactttg	ggaggctgac	gcagatggat	240
tacttgagat	caggagttca	agaccagcct	ggccaatata	ctaaaacccc	gtgtctacta	300
aaaatacaaa	aatcagctg	ggcgtcgtgg	caagtn			336

<210> 2060
 <211> 172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 2060						
cgttgctgtc	gggcttggt	tcagtgaacg	caccgtgatg	tgcaggccgg	gaggtatagg	60
caggctgatg	ggggagggtg	gggagggttt	tcnacacctn	gcaccaaag	ctttatctac	120
tgaagctgcg	atgctctagc	tatattcaac	accattattc	gttacattat	at	172

<210> 2061
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 2061						
gggcaatctt	ttcggattct	cttccatgct	gtggcagggtg	agcctcatcc	aatttgtgaa	60
agcctgaata	gaacaaaagt	ctgaccctcc	gctgagtaag	agagaattct	tcctgcctga	120

atgccttcac	actgagatat	ggggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttctctg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccaaca	ca				322

<210> 2062
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 2062						
gcttttgcac	tgaaactgtc	agccccagaa	tgttgacagc	cgctctccta	gcccttctct	60
gtgcctcagc	ctctggcaat	gccattcagg	ccaggtcttc	ctcctatagt	ggagagtatg	120
gaagaggnac	ntaanctctt	gggagctcta	tggccctgcc	cattggctga	caaaccaca	180
tatgtatcca	ggtgacctta	aggcaagctt	gtatcagctg	atgatctctt	aaaagtgcta	240
ccttctggct	ggaggataac	caacaactag	cacaaccagc	atttcgagaa	aacc	295

<210> 2063
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 2063						
gggcaatctt	ttcggattct	cttccatgct	gtggcagggtg	agcctcatcc	aattttgtgaa	60
agcctgaata	gaacaaaagt	ctgaccctcc	gctgagtaag	agagaattct	tcctgcctga	120
atgccttcac	actgagatat	ggggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttctctg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccn					317

<210> 2064
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 2064						
actcagcgtg	gtgtcacgtg	cctggaatcc	caactactcc	ggaggggtgag	gcacaagact	60
cgcttaaacc	tgggaggcag	aggttgcgtg	agccgagaac	atgccactgc	actccagcct	120
gggcaagaga	gtgagactct	gtctcaaaaa	aaaagtttat	atztatatac	acacatatat	180
ttatatactc	acacacacac	gtgcacacac	ttaaaaatgc	caagaaaaaa	attgtaccaa	240
acaatcatga	tctgaatcat	gaagcaaatt	aaaatgtggc	atgattttga	acaagtgatg	300
gagaatacaa	aaagatttga	ttgtgtaaaa	gggttatgat	ttgagattgg	ggaggaaaaa	360
aaacataatc	cctg					374

<210> 2065
 <211> 324
 <212> DNA

<213> Homo sapiens

<400> 2065

aatcccaaca	ctgggagcagct	gaggtgggtg	gatcacttga	gcccagaagg	tcgagagacc	60
agcctaggca	acatgggtgaa	accccgctctc	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtgggtcca	gctactcttg	ggggctgagg	cgaggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtgggtgacc	acaccacttc	actccagccg	240
gggtgacaaa	acaagaaaac	ctgtcacctt	tctgggggac	cctgggtttcc	ctggggtaat	300
tcaaaaaatc	ttcccaaaag	ggag				324

<210> 2066

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2066

cgttgctgtc	ggaaaacaag	gggttagatg	ttgcatttca	taaaactaac	cgaagtctctg	60
tctactgatg	cagcacaaga	gatgtaaaaa	aaaaaaaaaa	aaaaccccc	ccccggggga	120
aaaacccttt	taaggtttgg	tttggttttt	tttttggggg	tgggtttttg	gtttttttac	180
cccaggggaaa	aacctggaaa	agggggcaaaa	cccctttccg	ggtttttttt	ttaagggccc	240
ttttctaaaa	aatagggtca	accgggaatg	gaaaaagggg	gggggggggg	gaaaaaaaaa	300
aaaccttggg	ggttaggggg	ttaaaaaaaa	tttaggcca	ttggttaaaa	aaaccgcaac	360
tttaaaaaaa	aaaaaatccc	ccccccaacc	aacc			394

<210> 2067

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2067

tgctaaaaagt	acattgaaga	tagattgccc	catccaacct	cctacatcaa	gggtaaacaa	60
actctttctg	tacggggccag	atggtaagta	tttggggcct	tgtggggccat	atagtttctg	120
ttagatctac	tcagtgtctgc	cattgtagtg	caaaagcagc	cacagacaat	atgtaaacaa	180
ttgaatgtgg	ctgttttcca	ataaagtgtt	atttacacaa	ccagatttta	ccggtggggt	240
atagtttggg	gaatcatgtc	ctagatcatc	attaggaagt	ggcatgggtg		289

<210> 2068

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2068

gtgggttttg	tcattacttt	caacgggaaa	attgcaatta	cttttgtacc	aacttatcat	60
atgaaaaaca	tatttttaat	atcttaaaaa	cttgagcctg	ccatacaaaa	ttgtgtgtgt	120
gtgttgtgtg	tgtgtgtgtg	tgtgcgtgag	tgtgacttaa	gatcatgatt	ttattaccac	180
actgggcatc	attgttaagc	cccatcttca	ctaacagtac	acaattagcc	ccgtgtagag	240
gtggctgcca	gaaatcccat	cctactaagg	aggttgagtg	aagagaatca	cttgaacctg	300
ggatgcaaat	gaaacagtga	gtctagatcg	tgcgactgg			339

<210> 2069

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2069

tatttgtata	atcgctgata	acttttccttg	ctttcaagtc	tgccccaact	gaaatgaata	60
caggtactcc	tgcttttctt	tgattagggt	tagcatggta	catctttcct	cacccattta	120

tttttcatct	atatggggtt	ttatatattaa	aatgagttcc	atctcttcat	gataaaaaact	180
gacaacaaac	taggcatcaa	agaaatatat	ctgaaaataa	taagagccat	ctatgacaaa	240
cccacagcca	aacccacatc	atactgaaca	ggcaaaagct	ggaaccattc	tccttgagaa	300
ctggaacaag	acaaggatgt	gtattc				326

<210> 2070
 <211> 132
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 2070						
cgacagaagg	gtaaatggga	ttacttttat	ttctttttca	gattgtccac	ctttggtata	60
tataaatgcc	actgattttt	gtatgtcaat	tttgtatcct	gtaactttac	tgaattttatc	120
agttccaata	gn					132

<210> 2071
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 2071						
gctaacaaaa	cacgtacagg	atctctatgc	taaaaattac	aaaacggtga	tgaaaggact	60
aaaagaaaa	ctaaagaaat	ggagagggat	actatgttca	tgttttgaaa	gactcaatgt	120
agtaaagata	cagattttcc	ctaaaccaac	ttatagggtt	aattcaatac	ttatcaaaat	180
ctg						183

<210> 2072
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 2072						
gcgggcggat	cacctgagg	caggagttca	agtccagcct	cgccaacgtg	gtgaaacccc	60
atgtctacta	aaaatacaaa	aaaaattagc	cagacatggt	ggcgggcacc	tgtaatccta	120
gctacccgga	aggctgagac	gggaatcact	tgaacctgtg	aagcagaggt	ttcagtgagt	180
ctagattgca	ccattgcact	ctagcctggg	caacagaact	agaccccatc	ttaaaaaaaa	240
aaaaaagggtg	atccccaaaa	aaggggggtt	ttctaaatct	tagtggaaaag	gccaccatga	300
ttaaagtata	caaacttttt	gaagcaaatt	aaatttttat	ttctttttaat	ccaaagttta	360
aatttgaatt	aaaccc					376

<210> 2073
 <211> 438
 <212> DNA
 <213> Homo sapiens

<400> 2073						
tctctttttg	aggatcccat	cgctctaat	tccgttgctg	tcgggcacac	acctgtagtt	60
tcagttttctc	aggaggctga	cgcgaggaga	ttggcttagc	ctgtgagggtg	gaggccacag	120
tgagctgtga	ttgcgccact	gtactccacc	ttgggagaca	gagtgaagacc	ctgtctgaac	180
aacaaaaaag	aattgtggcc	agtcattgga	gtcacatct	gtaatcccaa	cactttggga	240
agctggggcg	agtggattgc	ttgtgggtac	gaggtcagga	tcagcctagg	caacatagca	300
aaaccttgtc	tctctaccaa	caagaaaaag	aaaaagaaaa	aaaattaacc	aagtgtgatg	360

gagcacacct ggtggaaagc cctaactact cggggaggct tatctgggag gaataattgg	420
agccccagag gttttggg	438

<210> 2074
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 2074	
tacggctgtt agaatacgac agaagggagc accttgggag gccagaggca ggaggatcac	60
ttgaggccag gagttcaaga cgggcctggg caacataatg agaaccatc tttacccaaa	120
aaataaaaatt acattaaaaa tttagctggg acggtgacgt ctgcctgagg tcacattcaa	180
gaagctgatg tgggaggatc gcttgagccc aggaattgga ggctgcagtg agctaagatc	240
ataccactgc acttcagcct gggcgctcaga gtgagaccct gtttctaaaa taataataat	300
tttaaaaaat gatatttatg gttgcattgg gaaaagatca atctattaat atatgtgaag	360
acatttttgg cctaaa	376

<210> 2075
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 2075	
tacctacttc gattgcgaca tgacaacata cagtgggtgtg tttacccaag ccacgactta	60
aaggcagagg acaagatgct atatttgtga aatgagacat gctatggctt tattagatac	120
cgtactctgc tgcaagacca caatgtacgc atcgacgggtg gccttcattt tatgtttgcag	180
aatgaatccg acgtatagga agtctttcan gatattatcc aggagaactt ccccaaccta	240
gcaaggcagg ccaacattca aattcaggaa ataaagagaa caccacaaag atactccttg	300
agaagagcaa ctccaagaca cacaattgtc agatttacca aggttgaaat gaaggacaaa	360
atgttaa	367

<210> 2076
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 2076	
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa	60
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatcgcttca aatgcaaata	120
ggttaaattgc tccagaaaca gaacggctga atatatttta aaaacatgat ccaactaaat	180
gctgcttacg agaaactagc cttgtcagta aagacacata tgaaccgaaa ttaaagggat	240
ggaaaaaaat attttgtaca aattggaac caaaagtgc cagaagctac agttatatca	300
gataaaaatag actttaagtc aagaaaggta n	331

<210> 2077
 <211> 135
 <212> DNA

<213> Homo sapiens

<400> 2077-

aggcgctggt	taaaagagggc	ctaaccocctg	gcttttagatt	tacagtccag	agcttactc	60
atccatttta	cctgaccccc	aagggttttt	tgggaaaatt	gggggycggg	gggccttttt	120
ttagcgaaaa	ccagg					135

<210> 2078

<211> 305

<212> DNA

<213> Homo sapiens

<400> 2078

taaccaatag	gccaaagaag	aaataacaag	agaaattaga	aaacacttag	agttaaatta	60
aatggaaag	acaacttacc	caaacttaca	ggatatagtt	aagcagtgtc	caacaggaaa	120
tttatagctg	taagtgttta	cattaaaaaa	gaaacatctc	aatcaataa	cctaaattta	180
catcttaagt	aactagaaaa	agaaggcaat	actaaacccc	aaaccagaaa	gaagtaaata	240
aagattaaag	ttaagataaa	taacatagag	aatagaaaaa	ttagagagaa	tcagcaaac	300
ccaag						305

<210> 2079

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2079

gtctcgctct	attgccccagg	ctggagtgcg	gtggcactat	ctcagctcac	tgcaacctct	60
gcctgctggg	ttcaagcaat	tttcgtgctt	cattctccca	ggtagctgag	attacagatg	120
tggggccacca	caccaggcta	atTTTTgtat	ttttactaga	gacgggggga	tacagggctg	180
gcccgactca	cactgagctg	taagactaca	ggccggggatc	caagggtgaac	tacaaggagg	240
tggtggaagc	tcgaaccact	cgataaacac	cacccttgct	ggtagtgggc	attgtgctct	300
cttgaaacc	cttgatggct	cccaccttca	aactgcttc			339

<210> 2080

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2080

aacaacctaa	cataaaaact	acaggaagta	gaaaagaaag	agcaaaccac	actcaaagct	60
agcaaaagac	aataaataac	caaaattgga	gaagaagtga	atgaaattga	aacacaataa	120
aattacaaaa	cagatgaatc	taatggtggt	tatttgaaag	attagataag	attgataaac	180
ttctagctat	actaatgaaa	aaaagagaga	agattttaat	aaacacaatc	agtaatggca	240
aaggggacat	tatcactgac	cccacaaaaa	cacagaaaac	cctcagagac	tactacaaac	300
acctctatgc	acacaatgta	gagaaccttc	aagagatgga	tag		343

<210> 2081

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2081

aatcccaaca	ctgggcagct	gaggtgggtg	gatcacttga	gccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgcttc	tactaaaaat	tcaacaataa	aaaatttagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gctactcttg	ggggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtgtgtgac	acaccacttc	actccagccg	240
gggtgacaga	gcaggagaac	tgtcacctcc	tggggaccct	gtttccctcg	ggtattcaaa	300

aatctcccaa agggaggcaa gcatgggcta cgcagaagaa ctctcagtaa ggactgctga 360
gtctcttcat atgagctgca g 381

<210> 2082
<211> 411
<212> DNA
<213> Homo sapiens

<400> 2082
ccaggaacag gtgacgtgtc tgatgttggc ctagggaagg gacggtacta cagtgtaaat 60
gtgcccattc aggatggcat acaagatgaa aaatattacc agatctgtga aagtgtacta 120
aaggaaagtat accaagcctt taatcccaaa gcagtggctt tacagctggg agctgacaca 180
atagctgggg atcccatgtg ctcccttaac atgactccag tgggaattgg caagtgtctt 240
aagtacatcc ttcaatggca gttggcaaca ctcatcttgg gaggaggagg ctataacctt 300
gccaacacgg ctcgatgctg gacatacttg accgggggtca tcctagggaa aacactatcc 360
tctgagatcc cagatcatga gtttttcaca gcatatgggc ctgattatgt g 411

<210> 2083
<211> 401
<212> DNA
<213> Homo sapiens

<400> 2083
cgttgctgtc ggcggtggca ttacctttgc agaccaaggc tgatgcaaat cgtactgccc 60
ctagtgggaag tgaataccga catcctgggg cttctgaccg tccacagcct acagcgatga 120
attcaattgt catggagact ggcaatacca agaactctgc actgatggct aaaaaagccc 180
ctacaatgcc aaaaccccag tggcaccac cgtggaaact ctacagggtt atcagtgggc 240
atcttggctg ggttcgatgt attgctgtgg aacctggaaa tcagtgggtt gttactggat 300
ctgctgacag aactataaag atctgggact tggctagtgg caaattaaaa ctgtcattga 360
ctgggcatat taagactttg cgggggggtg taattagccc g 401

<210> 2084
<211> 219
<212> DNA
<213> Homo sapiens

<400> 2084
ggactatgag aatcgaaccc atccctgaga atccaaaatt ctccgtgcc cctatcacac 60
cccattccgaa aaaaaaaaaa aaaaaaactt tggggggcgt tttttacgta aatccaaact 120
ggataaagac cttggaggag ttggggcaac ccccccttg aaggcgggga aaaaagggct 180
tatttgagaa aattggggag gctatgggct taatttga 219

<210> 2085
<211> 344
<212> DNA
<213> Homo sapiens

<400> 2085
ttatttcact atgatctgca attctgtttt aattaaatgt tttatacttt ttgacatatt 60
tggccagctt tctcaatgtc agagttctaa atgaagtctt ttcaacctag aattatcttt 120
gagattttct agttgggctc ctggagagcc tcaaacaatg tatttttcag cttgtagagc 180
tgttaaacta attaggcttg tttgatgtat tgagttgtat gagaagcgtt ggaggcacag 240
atgggatcaa ataacaaagt gacactaagt cttctctaag gtatatattat atggctatgt 300
tattgatgtg aaagatctaa aaattatgta aaatttataa atgg 344

<210> 2086
<211> 367

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 2086
gggtcttgaac tccagacctt ggggtgatctg cccgcctctg cctcccaaaa tgcgtgagatt 60
acagacgtga gccactgtgc ccggccgcct gagacatttt gggcaacatc tgtgacagaa 120
gaaatgtgca tcctttccgg gcaggggatt taagaagcgg ctcatggctg aatatggtat 180
ctttgcatct gtctgtggaa ctgcgggagc atcttctggg ataagggact acctgtatga 240
gtcttgtaat gtgttctaac cacgcgcact cccctgtgct cccctatcac catgactatt 300
cacttgaaag cctgatgggc ctacgcctc ttctgtagcc tgtggaggcc caaaatgttt 360
cattgcn 367

<210> 2087
<211> 378
<212> DNA
<213> Homo sapiens

<400> 2087
gttctccaac catatggaat cataacagaa atcaaaacac aaagttaact ctctaaatac 60
atgaaaatta agcaacatac ttctagaaaa tccttggatc agagtcacac aaaagaaata 120
tatagcactg aattagaatg aaaataaaaa catacgaaca tatgtgggat ataactaaag 180
gattgctgag aagaaacctc atagcactag atgcttacat caaaatagag gaaggaattc 240
aaatcaataa ccaaaattct gacctaaaga acctagaaaa agaagagcac attactcaa 300
agcaagcaca agtaataccg gtaataacag aagtcaatgc gaaagaaaaa cctgagagaa 360
aatgatacaa agtcaatt 378

<210> 2088
<211> 340
<212> DNA
<213> Homo sapiens

<400> 2088
tagcactcca ctgcagtat gcacagatca tccaaacaaa aaaaaaaaaat cagagttaaa 60
ctacccccta aacctagtgg gtctaactga ctttataga acatttcacc caactgtggc 120
aaaaaacaaa ttcccttctt taaaacatga acattctcca gattaaacct tattttaaac 180
tacaaaacaa gtctcaaaga gttcaaagaa gtaaaaatca cctcaggtat cacttgggac 240
cacattgaaa taaaactaga aatcattacc caagcgaatc tcaaaagctt cataaacaca 300
tggaattca acaacaggct tttgaacata ttaaggcaat 340

<210> 2089
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 2089
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa 60
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatgcctca aatgcaaata 120

ggttaaatgc	tccagaaaca	gaacggctga	atatatttta	aaaacatgat	ccaactaaat	180
gctgcttacg	agaaactagc	cttgtcagta	aagacacata	tgaaccgaaa	ttaaagggat	240
ggaaaaaaat	atthttgtaca	aattggaaac	caaaagtgc	cagaagctac	agttatatca	300
gataaaaatag	actttaagtc	aagaaaggtg	aaagacn			337

<210> 2090

<211> 365

<212> DNA

<213> Homo sapiens

<400> 2090

gtcacaagaa	aggggaagctt	atccattaag	gaaattgagc	cccaaattag	gaacgatcgg	60
gcaaataaaa	ctccaggcct	agatgacttc	cctggggaat	tccaccagac	actgaaggaa	120
gaaaggatcc	cagtcttaca	tcaaactctc	cagagaagac	agaaagcagg	aacactgtct	180
aactcatgtt	atgagtctag	caaaacttta	atgctaaatt	ctgatgaaga	cattacaaca	240
aagaaacatc	atgggtcaac	tcttcccatg	aaaatggatg	tgaaaatcct	taaaaatatt	300
agcaagtcaa	ataaaacaat	atcacaacca	agtgggattt	atttcaaaat	gcaaggttgg	360
gtgag						365

<210> 2091

<211> 335

<212> DNA

<213> Homo sapiens

<400> 2091

gtcagtgcgg	tcacatactt	ccagaagagc	ggaccagggc	tgctgccagc	acctgccact	60
cagagcgctt	ctgtcgctgg	gaccttcag	gtaggacagc	tcccaatgct	gtggggactc	120
tcagcaaaac	ttctccttcc	tttccacggc	tctgcttctt	ctgacctcat	cttagtcttg	180
ctttttcttt	tcttccttcg	ctatttttct	atgacctctt	aagaaccaag	tccttgaaac	240
ttttggctca	aagtggatc	agagacaact	ttttctagaa	agttcagaaa	agtgtatttt	300
gaggacggag	tctggggaaa	tcaatgggat	ggggc			335

<210> 2092

<211> 129

<212> DNA

<213> Homo sapiens

<400> 2092

taccatctac	tacggaggct	gaagcaggag	gatcacttga	gctgggaggt	cgaggctgca	60
gtgaactgtc	atcgtgccac	tgcatcttcag	cctgggtgac	tgagcaaaat	caaaaaaggg	120
ttgggcgtg						129

<210> 2093

<211> 328

<212> DNA

<213> Homo sapiens

<400> 2093

acgacagaag	ggaatacatt	taaccaaggc	agtaaaagat	ctctataagg	agaacaacaa	60
aacactgctg	agagaaatca	tagatgacac	aaatggaaaa	atatttcata	cacatagatt	120
aaaagaatca	atatcattaa	aatggccata	ctgcccacaa	caatttacag	tttcaatgct	180
attcctatca	aactaccaat	gtcatttttc	acagaactaa	aaaagctatt	ctaaaattca	240
cagggaatca	aaaagaagcc	caaatagcca	aagcaatcat	aagcaaaaaag	cacaaagctg	300
gagacatcaa	attaccagac	ttaaaaact				328

<210> 2094

<211> 344

<212> DNA
<213> Homo sapiens

<400> 2094
tattctcctg cctcagcctc ccgagtagct gggattacag gtgccgacta ccacacccag 60
ctaatttttt gtattttttt ggtagagacg gtgtttcacc gtgttggtccc cgctgggttc 120
attctctcga cttcaggcga ttcacctgcc tcggcctacc taagagggtg cattactggc 180
tggatgctcc gcgcccggtc agaagcctct atttttaaaa agcccattag cttagacaac 240
gctttaccct tccttccatt tcccctaaga tcctgaggct ttgtcgaacc taatgaacat 300
catgggacca ttggatcggc ccttaagcct tttgggaaga catg 344

<210> 2095
<211> 309
<212> DNA
<213> Homo sapiens

<400> 2095
agtgtgttag ggcctcttct ccaaaagtct agattctgat aactccattc tcttcccttt 60
gttcccataa ccccaggag agtagctgtt tcctaaagtc agtgtcccat ctttgctttg 120
tcaattctct aatattttatc aatttccttg tattagatcc tctcttttaa aataccaagt 180
gtgaggaggc tgggtgcagt ggttcatgtc tataatccca gtatttgga ggctaaggcg 240
ggaggattac ttgagcctag gaattcaaga ccagtctggg caacatagt agatctcgtg 300
tctaaaaat 309

<210> 2096
<211> 333
<212> DNA
<213> Homo sapiens

<400> 2096
tcaagcaatt ctctgcctc agcctccaga gtagctgaga ttacagacat gcgccaccac 60
accgggctaa tttttttttt tttttttaag gggagacggg gcttttcctt gtggggcagc 120
ctggccttga actcctgacc acggtgggga agaaagctga agccgacaag aatgataatg 180
ccttagaaga ccttcagctg ctgatgtttg aagccagcct tactatctgt gggaataacc 240
ttgatgatcc cccaaccac tggaaccgcc tttattgaaa ggtcaaacag aggctctgta 300
ttggcgaga ggcaatggca cctgaaggaa ccc 333

<210> 2097
<211> 292
<212> DNA
<213> Homo sapiens

<400> 2097
aagttctaata cagagtaatc agacaagaga aagaaatata gggcatccct acaggaaagg 60
aagaagtcaa accatctctt tgctgatgat attattctat atctaaaaaa ccctaaagac 120
caaaagtctc ctaaatttga tgacttcagg aaagtctcag gatacaaaat caacatacaa 180
aaatcagtag catttctata caccaataat atgcaaactg agagccaaat caagaatgca 240
atttcatttg cagtagccac acacacaaaa ataaaatacc taggaataca tc 292

<210> 2098
<211> 398
<212> DNA
<213> Homo sapiens

<400> 2098
cgttgctgtc gcatttacag aatttttttt gttaaaaaaa actgtagaaa tgaaggcttg 60
ttattctcat ttccattaca taaatgggtg ctcaaagtgt aatttctaata ttatcatagt 120

ttatggtgat	acattaagag	actaatgtgt	catttggtgt	ttgatttcta	cattctagag	180
agacagttta	atcagtcctg	gacccaaaatc	aaacagagta	aactgtgtca	tcattggagat	240
ctgcccagga	aatccccaaa	atacagaagg	atcagaagta	gatggaaata	atgtcataga	300
acgtctctca	caactgtgtt	ataagaatga	cagggaaagt	acaggttaca	acagatttgt	360
gaactcagcc	aagcacagt	gtggcagggc	ctagctgc			398

<210> 2099

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 2099

acacagatac	acacaacact	cctctaaca	ccaccaaaat	agacattctt	ctcaagtgcc	60
tatggaacaa	tcttcaggag	agagcacatg	ttaggctaca	acacaagtct	tcacaaattc	120
aaaagaaatt	gaaatcatat	aaagtatttt	tgacaataac	tataaaataa	aactaaaagt	180
caatattata	aagaaaatgg	gaaaatccac	aaatacgtag	aaattaaaca	acatactctt	240
caatgaccaa	aaagtcaagg	aaaaagacac	aaggaaagtt	gtaaaataca	tcgattattc	300
tatcttcttg	gtgaattagc	caan				324

<210> 2100

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2100

cgttgctgtc	gattcaagtc	ctttgcctat	ttttttcttt	ttttgaggag	aatcgcttga	60
acctgggaga	aggttgacgt	gagcagagat	catgccactg	cactccagcc	tgggcaacag	120
agcaatattc	tgtacaaaaa	aaaaaccagg	acaaattgaa	aaaaaaatgg	aagcggggca	180
tgggggctca	catgttaaat	cctacctagt	tgggaggctg	aaatgggagg	attgcttgag	240
tcccgggggt	caaggctgga	gggagctatt	atgggtaccac	tgtgctccag	ccaggggcaac	300
aaaggagac	cctgctgtat	cttaaaaagg	aaaaagggtg	gggcgtgagg	gttcacgcct	360
gtaatcccag	cactttgaga	cgccaaggg				389

<210> 2101

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 2101

atatgatata	tcaacttaag	ttatttttaa	taacttaca	gacacattga	aaacaagtaa	60
caaagttaa	tcctttgtga	tcattatttt	aaatgtaaat	agattagact	ccctagtcaa	120
aagactagag	tggctgaatt	ctgaatggat	taaaagaaag	aaaaagaaag	attcgatttt	180
aaactttgta	aaggaaactc	acttttagatt	taagatcact	tacaggctga	aagtgaatgg	240
atggaaaaac	acattctgtg	caagttgtaa	ccaaaagaga	gcagagatga	ctntacttat	300
atgagacaaa	ataaactttg	aaaaacactg	tcaaat			336

<210> 2102

<211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2102
 tctagcagta gacagtatat aacttagagt caagaaatgt tgggccaggc gcggtggctc 60
 acgcctgtag acgaaaggct cccggagtga tgatcgtcta gagacttgat agaacatgga 120
 agggggacgt tgcccacata tatgcaaata tattgactg gagatattgc agacataaag 180
 gaaatgggta ctgttcataa aagaatgccc cacaagtgtt aaaaatgtgc ctgataaaat 240
 ataagtgact actggcctgg agcagtggct cagcctgta atcctagcac tttgagagggc 300
 caaggcaggt ggatcacctg aggtccg 327

<210> 2103
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 2103
 ggggcagtat atctttgtta attgcccctc aatctctctc ctggaatggc atccttttac 60
 tttgacctct gctccagagg aagattttct ctccattcat atccgagcag caggggactg 120
 gacagaaaat ctcataaggg ctttcgaaca acaatattca ccaattccca ggattgaagt 180
 ggatgggtccc tttggcacag ccagtggagga tgttttccag tatgaagtgg ctgtgctggg 240
 tggagcagga attgggggtca ccccttttgc ttctatcttg aaatccatct ggtacaaatt 300
 ccagtgtgca gaccacaacc tcaaaacaaa a 331

<210> 2104
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 2104
 aggttgaagt gcagtgatgc gatcatgact cactgcaccc tcaacctcct gggctcaagt 60
 gatcctccca actcagcctg ccaagggggt ggtaccacag gaatgcaatc ataaacttct 120
 gggctcaaat gatgactctt gatttggtac tcccaagag caggaactac acgcatgagc 180
 cactgagcct ggctggaact aaacagatca cactgtgcta aaagaaaata tttccacgt 240
 attacttcta acagctgtta cacaatgctg tctaggttca taaactatat cacttgtaaa 300
 attccttta taacgctca 319

<210> 2105
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 2105
 ggagttcaag gttacagtga gctatgatca tgccactgca ctccagcctg ggcaacagag 60
 caagacttgt ctctaaaaaa taaaaataaa ggtgagatgc acaggacctg tgtgtagaat 120
 gttatatgag taaggaaata tagtctaaag tggaaaataa aaagggtata gcaggcattt 180
 aaaggagac aggaagagca agtggataga aaagtatttg aagagttagg gaacaaggga 240
 gtaacacctg acttgcttct cagtctaccc gaagaatctg taaatcacca ggcattggtg 300
 ctcattgcctg taattccaac actttacgag gc 332

<210> 2106
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 2106

agacaaaaaa	ggaaggaatc	gaacccccca	tagctgggtt	caagccaacc	ccatggcctc	60
catgactttt	tcaaaaaaat	agaaatgaat	actataatga	gggggcgctt	ttctcttgaa	120
tccccaaatt	tagaaaacct	ttgggggggtg	ggggccccc	ccccttttta	tgggggggaa	180
aacatttttt	ttt					193

<210> 2107

<211> 378

<212> DNA

<213> Homo sapiens

<400> 2107

ttccaacctt	ccttttttta	aattttctcc	agtccttggg	agcaagttgc	agtctttttt	60
ttttttttcc	cttttgggcc	caacccccct	tgttttaagg	gccttttttt	taaccccagg	120
ggcccaaat	aaatgggggg	gaaaaccctt	ggcccaaaaa	ccaggggaaa	aaaatcctta	180
cccctttttg	gtcaaaagta	atttttaacc	cttccccctt	gaacaaaaac	cggtagggaaa	240
caaccccccc	cgaccttggg	gaaaaaaaaa	aaaacctgcc	ccctttcttt	ttgtggaaac	300
tggagggggc	gaagcccccg	ggaaaaagcc	aaaaaaaccc	aacctttttc	cccccttctt	360
gggaaaaatg	gccccaaa					378

<210> 2108

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2108

tctgcaggct	gcagtgcaat	ggcatgatca	tagctcactg	cagccttgaa	cccctgggct	60
caagtgatcc	tcccacttta	gtgtoccaa	tattaaatag	ctggcattac	agacatgtgc	120
caccatgcct	ggctgtttct	cgtttttttt	agagatggga	tctcactatg	ttgccaaggc	180
tggctctgaa	cttctggcct	caaagtatct	tcttgcttgg	gcccccaaaa	gagctggatt	240
acaggagtga	gctactgtgt	ccagccta	cttcgttctt	ggagtcaagt	tgtgtaggct	300
ttgttttttg	ctttgctttt	ttttttttcc	cccaccctaa	gtg		343

<210> 2109

<211> 147

<212> DNA

<213> Homo sapiens

<400> 2109

cggtagcggt	gcgagaaaac	aacagaaggg	gctctttccg	ccatctttcc	gcgcccgcac	60
aatggtgcgc	atgaatgtcc	tgtcagatgc	tctcttgagt	atccacagtg	ccgaaaagag	120
aggcaaacgc	catgtgctta	ttatgcc				147

<210> 2110

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2110

ggcacgagct	ggaatcctgc	tatggagtta	gatcatgtcc	taaccttcag	ctcaggcagc	60
tctaggcctg	cttcccgcgc	acctggatgt	cctgcttttg	gccaagtcag	cttgtctcag	120
gtctgggtct	tctctccatc	catgtcgggt	cccccaacc	ccctacaaca	atagtgtctg	180
aactagagac	tctttctcgg	ccagcttctt	ggcaaagggt	ttaaataaca	catgcctctg	240
gctgggttct	gtgctctgcc	agtcgagtgg	ccctcgctcag	cctcatccac	tttattctta	300
cccctctttt	caggcttcac	cctgaagaac	tgggaggccc	tccactgaag	aagctgaaac	360
aagagggttg	agaacagagt	ca				382

<210> 2111

<211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 2111
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 agtagcaact acccactcac ctatccaccc atccacctac ctatttgtca cccatccacc 120
 catccatcca tccaatcacc catccaacca tcaatccaac cattttcatc tgttcatttt 180
 ccatccatct acccgtccac ccattcactc ctccatccac ctacctatcc atttatcacc 240
 catttaccca tccatccatc catccttcca accattttatc caccatcca aacattttcca 300
 tctgtttttc catccatcta cccatccacc cattcactca tccatccacc ttccatcca 360
 tttatcatcc atctacccac tcacccatcc atccaaactt ccaaccattt atccacccat 420
 ccaactattt ccactctgtt attttccacc catttaccn 460

<210> 2112
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2112
 cgttgctgtc gttcaatttc ttgaatgttt taagacttgt tttgtgaacc taacatatgg 60
 aatatcctac agaatgatcc atatgctgag gagaagaatg tgtattctgc agccattaga 120
 tgaaatgttc ggtaaatata tattaggtcc gtttggtctt tagtgcagat taaatccagt 180
 gtttcttttg tgattttctg tctggaagat ctgtctgttc aatgctgaaa gtagggtgtt 240
 gaagtctcca gccattatcg tcttgagatc tctgtctctc tttagttcta atatttgctt 300
 tatgtatctc agtgctccag tgatgggtac atatatactc acaatcattg tatcctcttg 360
 ctgcattgac tgcattatca ttata 385

<210> 2113
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 2113
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 ctcatthaaca gaatgaaaga taaaaattac atctcaatag aagcagaaaa aaatttgaca 120
 aaattcaaca ctctttttaca ataagaatta tcaacaaagt atggaaggaa tatacttcaa 180
 catgttaaga gctataatac gaaaagccca gagacaacat cacaactagt ggtgaaaacc 240
 tgaaagtgtt tcctctaaga tcaggaaaaa ggcaaggagg ccaactcttg ctacatctat 300
 ttaacatagt actggaaatt ctagccagag caa 333

<210> 2114
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 2114
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 aggttggaag tactcttttt gaagaatctg cgaggaaagg ttgggagccc attgagacct 120
 atggggaata acagaatata tccagataaa aacaagaaag aaattatctg tgcaactgct 180
 ttgtgatgtg tggattcacc tcacagagtt aaacctttct tttgattcag catgttggaa 240
 accctgtttt tgcattgtct gcgaagagac agttaagagc ccattgaggc ctatggggaa 300

aaccaaatat c

311

<210> 2115

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2115

taaaggccag	atgttatcag	cagctgaaca	gcattctacag	aaaccagctg	caaagacaga	60
agcagaaaaa	ctggttttgt	ggagagaccc	gataacaaaa	agttgggaaa	taggtaaaat	120
aataacctgg	ggtagaggtt	atgcttggtg	ttctccaggc	caaatcaac	agccgatttg	180
gataccatca	agacacctga	aaccttatta	tgagccagat	gctgaggaag	agattctggg	240
aggatcccaa	ggactcccca	gttgcagcca	tgctgagact	gatgctgaag	aggaccccaa	300
ctgtcacaag	caa					313

<210> 2116

<211> 355

<212> DNA

<213> Homo sapiens

<400> 2116

attaaaggaa	ctcttaggtg	aaaaatcaga	taatgaaatt	tacatctcaa	agtacagaga	60
gaatctgatg	gtgcttgagg	gagattaaaa	atgaatgccg	aatcaaaccat	aaaattatag	120
aaatctatca	tagaattatg	taataagacc	aattttatatt	tgctagagac	cacctatctc	180
ctaactgggt	atctgagctt	tgggcagagc	ccatgttcaa	tcctggttct	ccaaaaaagg	240
agaattctta	tgtggctagg	ccaggtgatt	gttctacagt	acatcaagga	aatcttttta	300
acaaagacat	ttctatgtgt	ctaagctata	ctattccttt	aagatccaaag	agtag	355

<210> 2117

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2117

cgttgctgtc	gctttttccc	agaaaacaag	gggttagatg	ttgcatttca	taaaactaac	60
cgaagtcttg	tctactgatg	cagcacaaga	gatgtataaa	aaaaaaaaaa	aaaaaccccc	120
cccccggggg	aaagaccctt	ttaagggttg	gtttgggttt	tttttttggg	ttgggttttt	180
ggttttttta	cctcagggaa	aaacctggaa	aaggggcaaa	acctcttatt	tggatttttt	240
attagggggc	ctttttttaa	aaaaaggctc	cactgggaaa	ggaaaaaggg	gggggggggg	300
gggaaaaaaa	aaaacttttg	gggtaggggg	atataaaaaa	attttggccc	tttgggttcaa	360
aaaaccgcga	ttttaaaaaa	aaaaaaattc	ccaccccaac	caccc		405

<210> 2118

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2118

ggcacgaggt	ttactgggtc	agagaaccat	tgcaggactt	ctcctaaaga	aaatttgtag	60
gggtgtcttt	gtccaagaca	ccccccagaa	tctaaaaatg	ctgcgtatag	tggaacctta	120
tgtgacctgg	ggattttcaa	atctgaagtc	tgtgcgagaa	ctcattttga	aacgtggaca	180
agccaaggtc	agaataaga	ccatccctct	gacagacaat	accgtgattg	acgagcacct	240
ggggaagttt	gtcgtcattt	gcttgggaaga	cctcattcat	gaaattgcct	tcccagggaa	300
gcattttccag	gagatctcat	gggtcttgcg	ccctttccac	ctctcagtgg	cccgctcatgc	360
taccaaaaaa	agagtgggct	ctctca				386

<210> 2119

<211> 350
 <212> DNA
 <213> Homo sapiens

<400> 2119
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 gtttgcgtg tgagtgtttc tgctctgatt actcgtgatt ctccgtattc accttctgtc 120
 tctccagttt gggggcagct gtttgacctg tgacttaact tctcttacag atctaagaaa 180
 agttgttgat ttttcagttt gttcagcttt ttacttgctc ttaggatcga gttgactgat 240
 ctcttctcgc ctgcttcttt ttgtgttccc tttttttttt atactcaact tctttcctcc 300
 tttatttgct cgcgtcctgg ttctcatoga ttctctcttc tccccttctt 350

<210> 2120
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 2120
 attgagagct ataacaagaa ggcaaagtat cttcttgtgt gacctcagct gggaacatgc 60
 acattgagag actcaaacct tttgctgccc cacacacatc catgaataac tacaacagtg 120
 ctgcaagtat tgatttgggg gttttgaata aattttaatg agcagataaa tttgcaaata 180
 cagaatctgc aaataatgag ggtcactggg atttggtgct ttttcgagaa tgggtggaag 240
 acggcactca gctgggactg tccaatgggg agagggtccat gtgtggccct ccaacatgtc 300
 acagggcact tggacttctt att 323

<210> 2121
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 2121
 aggtagataa acggatggac agatgctggg tgaatggatg ggtggataga tggataaatt 60
 gatataatgga tggatgagta gatacatggg tagatgggtg gacgaatata tgagtggact 120
 agtaaatggg tgagtgaatg catggatgga tggatggata ttttgacgag ttaatatata 180
 ttttgatgt ttaaggatat ttattttttg tatattggat tttattttat ttatttttgt 240
 ttttttgtat attattttata ttttttgttt tttttataaa tatgttgttt ttgatatttg 300
 cgggtgtgttt atttttg 317

<210> 2122
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 2122
 attctgtaca cacagcctat ggggtagccc tgctccacag ttgcggttgt acactgctgc 60
 ttcaataaaa gttgctgttt aacactacca gtcaccctt gaattctttc ctgggtgaag 120
 ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180
 ttgctaatt gctctctaga attgcttttc caggttgggc gcagtggctc acatctgaaa 240
 tcccagcact ttgggaggct gaggcaggca gatcacctga ggtcagggtg tcaagaccag 300
 cctggcctac atggcaaata cctgtcttta ctaaaaatac aaaaattagc tgcgcattgt 360
 ggcctatgcc tgtaatccca gctactt 387

<210> 2123
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2123
 attctgtaca cacagcctat ggggtagccc tgetccacag ttgcggttgt acactgctgc 60
 ttcaataaaa gttgctgttt aacactacca gctcaccctt gaattctttc ctgggtgaag 120
 ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180
 ttgctaaatt gctctctaga attgcttttc cagggtgggc gcagtggctc acatctgaaa 240
 tcccagcact ttgggaggct gaagcaggca gatcacctga ggtcagggtg tcaagaccag 300
 cctggcctac atggcaaata cctgtctt 328

<210> 2124

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2124
 gactttcaga gacaaacaaa agctgaggaa atttatcaac accagacatg tcttacaaga 60
 aatgataaag ggagttcttt aatctaaaat aaatggacac tagatgcaac aagaaaccgt 120
 ctgaaggtat tgaactccca ggtaaaagaa agaaaataga caaacttaaa atactcctaa 180
 tactgtaatc gggataagta aatcatatat cctatgtatg aagactaaaa gacaaaaatg 240
 ttaaaaaataa ctgcaggcca ggtgcggtgg ctacgcca gtaatcccag cactttggga 300
 ggttgaggcg ggcagatcac gagatcaaga gattgagacc agc 343

<210> 2125

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2125
 gagtgcggtc acataacttc agaagagcgg accagggctg ctgccagcac tccactcaga 60
 gcgcctctgt cgctgggacc ctccaggtag gacagctccc aacgctgtgg ggactctcag 120
 caaaacttct ccttcctttc cagggctctg cttctctctga cctcatctta gctttgcttt 180
 ttcttttctt ccttcgctat ttttctatga tctcttaaga accaagtcct tgaaactttt 240
 ggctcaaagt ggatacagag acaacttttt ctagaaagtt cagaaaagtg tattttgagg 300
 acggagtctg gggaaatc 318

<210> 2126

<211> 302

<212> DNA

<213> Homo sapiens

<400> 2126
 ccatccatcc atcctttcag ccagccagcc agcctgcctt ctgtctaacc attaateccac 60
 tcagccacct atccacccat ccatccatgc attcagtcta tccatccctg catccaatcc 120
 atcctttcat gtatctgtcc gctcatccat ccacccattc atctgtccat tcaaccaccc 180
 acaaactctac ccatccatgt gtgggagagc atgatttaac tcatatataa acaatttata 240
 attactgtga taagagctgc aaaggaata aacatggtat taaaggataa tagtcactag 300
 tg 302

<210> 2127

<211> 347

<212> DNA

<213> Homo sapiens

<400> 2127
 catatgcaga agacacctac cttgtaccat atataaaaaat taatacaaaag attaaaaatt 60
 taaatgtaag accacagact ttatgcaccc tagaagaaaa cctaagaaac accattctgg 120
 acgtcagctt tcggaaagaa catatgacta agtcttcaac agcaattgcy acaaaaacaa 180
 aaattgacaa gtgggaccta aactaaagag tttctgcaca gcacgagaaa ctatcaacaa 240

agtatacaga	cgacctacag	aataggagaa	aatattcaca	aactatgcat	ctgacaaagg	300
tctaataccc	agaatctata	acgaacttag	gcaattctat	aagcaag		347

<210> 2128
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 2128						
ttccttggct	tataaaacgt	ttttcagttt	gatgcaaaat	gatgcgctta	ttttggtttt	60
tgttggctgt	gcatttggag	tcagagccaa	caaatcattg	tcttgaagct	tttcaactat	120
gttttcttct	agcagtttta	tagtttcagg	tcttaggttt	aagtctttaa	ttcattttga	180
gttggatttg	tgtgtggtgt	gatgtaaggg	atgcatgtgg	atattcattt	tcctgacaac	240
atattattgac	gagattgtct	tttccccatc	atgggttctt	ggcacctttg	tcaaaaatca	300
gttgacctta	aaaatgtgga	tttatttctg	ggctctctat	tcttttccat	tgaatgatct	360
gtttgttttt	atac					374

<210> 2129
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 2129						
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ggtaacatgg	caaaaccccg	tctctacaaa	aaatacaaaa	attagcctgg	cctatatattcc	120
cagttacttg	cggggctgaa	gcaggaaaga	ttgcttgagc	ctacgagggtc	gagactgcag	180
tgagctgaga	ttgtgccact	ggcactgtgg	cctggatgat	aaagtgagac	cctgtcttat	240
aaaatcaaga	gaaaagagaa	gaatcagtat	tgtgattaat	aaggggagaat	tccacgctgg	300
gcatggaggc	tcattgctgt	aatcccaaca	ctttggggagg	ccgaggggggc	atggatcttc	360
tgtgggcaag	gatttttcaga	accagcgc				387

<210> 2130
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 2130						
gctctcgtct	ggtctttctg	ccgccatctt	ggttcgcgct	tccttgacac	gcctcctttt	60
tattcccttc	cttcagaaat	gcccggcgaa	gccacagaaa	ccgtccctgc	tacagagcag	120
gagttgccgc	agccccaggc	tgagacagg				149

<210> 2131
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 2131

attccacatt	ccagccagtg	ggaaaaggaa	agggggaatg	gcataccctt	tccctttaag	60
gtacacccta	ggctgggcac	agtgggtgtga	gccagaagtc	ccagctactc	gggaggctga	120
ggcgggagaa	tacttgagt	ccaagagttc	tgggttgtag	tgcgctgtgt	caatcgggtg	180
cctacactaa	gctcagtatc	aacatgggtga	tctccctggg	agaggggaac	caccaggttg	240
cctaaggagg	gctgaaatgg	cccagatcgg	aaaggtcaaa	actcccgtgc	tgatccagta	300
gtggaatcac	tcccgtanat	agccaaaaca	ctccagcctg	ggcaacaaag	tgagaccctg	360
tctctaanaa	aaaaaaaaaa	aaaaaacacc	ctggctgggc	ag		402

<210> 2132

<211> 336

<212> DNA

<213> Homo sapiens

<400> 2132

gctctgccag	ccactggaga	atggacgtaa	tggagccaag	gatggcacca	ggaagtcacg	60
ggggcagtg	ttgctgctgt	ccaggcaatc	acagtattgg	tgtcgtgtct	cagcaggctg	120
gggggtgggg	ccctggattc	aaagcatcca	tctgaacata	ttgtcaccgc	tgcacacctga	180
gagagacagc	ttcatggagt	ggaggtgtgt	ggcctggagg	ccccacgtag	gccaccaggc	240
atgttttcca	cgaaaaccga	aacttctgac	gggattacta	acattggggag	atttccgttt	300
cttggacgcc	agtggagggg	ctgcaccagc	cttaaa			336

<210> 2133

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 2133

gatgacttcc	cttacctact	ttgtccagag	gctgttcacc	tgggagacct	gctgggtatat	60
gggccacgga	gatttgcacc	cccttccccg	gattotcaag	tgccactaga	agtctccaga	120
actgtgaatt	tattctagca	cgccctgcac	ttcacaagaa	aaagagatct	ctccctgggc	180
tcttgccggc	tcttccagga	tacagcactg	gagaaggcaa	cttgggtgtt	cctatctccg	240
ccactctgga	tttggggaatc	caaaccacaac	tccctttcta	tactgacag	cgattgaggc	300
caatgcctac	tcttttggga	tgatgctcgc	ctgtctcaag	accgactgac	ccatgttcaa	360
cn						362

<210> 2134

<211> 278

<212> DNA

<213> Homo sapiens

<400> 2134

tgcggatgcg	atcatgccac	ggcactctag	cctgcatgat	agagcgagat	cctgttttatg	60
aagaaaaaga	gactgggcac	ggtgggtcac	gcctgtaatc	ccagcactct	gggacgccga	120
cgtgggcgga	tcacgaggtc	acgagatcga	gaccatcctg	ggcaacgtgg	agaaaccctg	180
tctctactga	aaatatacca	aataactggg	gatggacggg	cacacctgtt	gcctcagttt	240
cttgggaggt	taaggcctgg	gaaccacttg	ggcccggt			278

<210> 2135

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2135
actggaatgg aatatttttca gatatgacca gattgctttg aggaattgaa gttgacttta 60
tagagctaata aaaaaaccca gtttctttgc aagtttcctg acctgtgtac cttgactgaa 120
aaggtacctt tacaaggtag acagtttctt cacaaggttc ctgacctgtg gtaagtgtac 180
agtgttactt tctgacgtgc ccaggaacct caagttattt tgggacctca agaagagaag 240
aatttaccga attcatacag gcattgcaga cagtcaatga ttaatgacaa atccttgctt 300
tggttttata gcctcc 316

<210> 2136
<211> 340
<212> DNA
<213> Homo sapiens

<400> 2136
ccagctactt gggaggctga ggccggagaa tcacttgaac ccgggggggca gaggttccag 60
tgagccgaga tcttgccact gcactccagc ctgggcgaca gcatgagact ccgtctcaaa 120
aaaaaaaaaa aaaaaaatg gcccgggaag ggggggctaata ccctgaaatc cggccccctt 180
ggggggccgg ggggggggga tcacctgggg taaggatttc aagaccccc tgaccaacag 240
ggggaaatcc catctttccc aaaaaaccaa aatttatttg accgtggggg cgggcccttt 300
gatccccaat ttttttgagg ggcttgaaac gggaaaattg 340

<210> 2137
<211> 136
<212> DNA
<213> Homo sapiens

<400> 2137
gagccacctc gcgcgcgcct ccaggageaa gtatggagag gctggtgatc aagatgccct 60
tctctcatct gtctacctac agcctggttt gggtcattggc agcagtgagg ctgtgcacaa 120
cacaagtgca agtggg 136

<210> 2138
<211> 408
<212> DNA
<213> Homo sapiens

<400> 2138
ggcacgagcc acggacgtcc aaaaagtcca aaccaaagga cagcgataaa gaaggaactt 60
caaattccac ctctgaagat gggccagggg atggattcac cattctgtct tctaagagcc 120
ttgttctggg acagaagctg tctttaacct agagtgcac cagccatatt ggctccatga 180
gagtggaggg cattgtccac ccaaccacag ccgaaattga cctcaaagaa gatatagccg 240
ccgtcagcca atccagtga ctcgcagcca aatttgtcat ccactgtcac atccctcagt 300
ggggctccga caaatgtgaa gaacagcttg aagagaccat caaaaactgc ctgtcagcgg 360
cggaggacaa gaagctaaag tccgtcgcgt tcccgccttt ccccgagc 408

<210> 2139
<211> 322
<212> DNA
<213> Homo sapiens

<400> 2139
attccacatt ccagccagtg ggaaaaggaa agggggaatg gcataccctt tccctttaag 60
gtacacccta ggctgggcac agtgggtgtga gccagaagtc ccagctactc gggaggctga 120
ggcgggagaa tcacttgagt ccaagagttc tgggtttagt tgcgctgtgt caatcgggtg 180
cctacactaa gctcagatc aacatggtga tctccctggg agaggggaac caccaggttg 240
cctaaggagg gctgaaatgg ccagatcgg aaaggtcaaa actcccgtgc tgatccagta 300
gtggaatcac tcccgtaaat ag 322

<210> 2140

<211> 334

<212> DNA

<213> Homo sapiens

<400> 2140

gactcactct	gccagccact	ggagaatgga	cgtaatggag	ccaaggatgg	caccaggaag	60
tcacgggggc	agagtttgct	gctgtccagg	caatcacagt	attggtgtcg	tgtctcagca	120
agctgggggt	tggggccctg	gattcaaagc	atccatctga	acatattgtc	acccgtgcat	180
cctgagagag	acagcttcat	ggagtggagg	tgtgtggcct	ggaggcccca	cgtaagccac	240
caggcatgtt	ttccacgaaa	accgaaactt	gtgacgggat	tactaacatt	gggagatttc	300
cgtttcttgg	acgccagtgg	aggggctgca	ccaa			334

<210> 2141

<211> 132

<212> DNA

<213> Homo sapiens

<400> 2141

gagccgctg	gataccgcag	ctaggaataa	tggaatagga	ccgcggttct	atttcgttgg	60
tttttcgagc	tggggccatg	actcacatgg	ggtgtcgggc	gtatttggat	tgtttcgagt	120
ggaggggtgg	gg					132

<210> 2142

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2142

taaacttaag	taaaggagtg	gaaaagggca	tttcatgcaa	atggacacca	aaaacgagct	60
ggggtagcaa	ttcttacata	agacaaaaca	aactttaaag	caacaacagt	taaaagagac	120
agagatgtta	tataatggta	aaagtccttg	ttcaacagga	aaatatcaca	atcctaaaca	180
taçatgcacc	taacactgga	gctcccaagt	ttataaaaact	atgactaata	gacctaaagaa	240
atgagataga	caacaacaca	ataatagtgt	gggacttcaa	tactccactg	acagcactag	300
gcaggtcatc	aagacagaaa	g				321

<210> 2143

<211> 312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(312)

<223> n = A,T,C or G

<400> 2143

ggagcactgg	gccaaaaaca	aaatcaagag	ggaaattaaa	aacattcttt	gaattgaatg	60
acaataacag	cacaacctat	caaaacctct	gggagcagct	aacgtggtgc	aaagaggaaa	120
gttcgtagcc	ctaaatgcct	acatcaaaaa	gtctgaaaga	gcacaaacag	acaatctaag	180
gtcacacctc	aaggaactcc	agaagcaaga	acaaacccaa	cccaaaccga	gcagaaggaa	240
ggaaataacc	aagatcagag	cagcactaaa	tgaaattgaa	acaaacaaaa	caacaaaata	300
caaaagacaa	an					312

<210> 2144

<211> 157

<212> DNA
<213> Homo sapiens

<400> 2144
tccttttggg aggtgacgac ctacgggcac tttaacgtgc ctatcaccta ggatctccat 60
aatatgtctc tagaagagga gatgaggaat ccctctacaa aacacgtgat gcggagcccc 120
aattcctact tcttggatgt gaaacgcccc tgatgct 157

<210> 2145
<211> 336
<212> DNA
<213> Homo sapiens

<400> 2145
tgctttgagt agtaagggca ttttaacaat gcttattttt ccagtccatg aatatggaat 60
atctttccat ttatttggat cttcttcaat ttcatgcacc agtgtttgat agtttttgtt 120
acagagatct ttcacttctt tggttgattc ctagggattt tataatattt attgatttgc 180
aaataatatt tattgatttg caaatgttga accatgcttg cattctaggg ataaatccca 240
cttgatcatg atgaatgatc tttttaatgt gttgctgaat ttgatttgct ggtattttgt 300
tgagaatttt tgcataata cttaattgca tttcag 336

<210> 2146
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 2146
gactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag 60
tcacgggggc agtgtttgct gctgtccagg caatcacagt attggtgtcg tgtctcaaca 120
ggctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180
cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaggccac 240
caggcatgtt ttccacgaaa accgaaactt ctgacgggat tactaacatt gggagatttc 300
cgtttcttgg acgccagtgg aggggctgca ccagccttaa aaagaaatca tgtgagcctc 360
cacgaatcag cagacacagg agaaantaag ggtctgcccc ctttagtggg ttg 413

<210> 2147
<211> 338
<212> DNA
<213> Homo sapiens

<400> 2147
gtaacaaact gtggtcaagg cagaaacaaa cagtgagatc aaatcagtaa tttaaaaatt 60
gccaaaaacc aaaagcccag gtctaggcag attcacagct gaattatacc agaccttcaa 120
aaattaatgg tattaatcct attaaattat cccaaaagat tgaaaaaaag ggaatcttcc 180
ctaacaatagc tgtgaaatca gtatcacttt gacaccaaag tcaggaaagg acatagaaaa 240
gtggaaagta gagaccaata tccctgatga gtatacacgc aaaaatcctc aacaagatac 300
cagcaaatat aatccaacag cacattaaaa ttgtaatt 338

<210> 2148
<211> 333
<212> DNA
<213> Homo sapiens

<400> 2148
 ataagcaaaa ggcccagtc ctgtcctcag gagctcatgg tccaagtcaa aatcacataa 60
 aaacatttga gtcccctttg aaatgagtat tgttttcttg aacaaatttt caacttgctg 120
 tagttttttt cctgatcact ttcactcctgt ctttccaaga tgggatatgt ttatttagaa 180
 attacttcac ctgggacagc tgcttctctc ttttgctcag gcccgtagca ctgcaggatg 240
 ggcaagtgtc gtggacctca tactgctagg agtctctgta gtcaccaaca agatcagaag 300
 tggcatgata aacagtacaa gaaagcccat ttg 333

<210> 2149
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 2149
 cagtgttcaa gatacaaaat caatgcacaa aaatcagtag catttctata caccaacagc 60
 atccaggggtg cacgtggaat aaaaaacaca atcctactca aaatagccac aaagaaaatg 120
 aaattatcta ggaatacagc taaccaaaga ggtgaaagac ctgtacaaag agaaccacca 180
 aacactgctg aaagaattca gaaatgacac acatgaacag aaaacattcc atgctcatgg 240
 attgaaagaa tcaatgtcat ttgaaatgtc catactgcac gaagtaattt aaagattcaa 300
 tgctattcct atcaaaactac caatgtcatt cttcatagga ttag 344

<210> 2150
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2150
 gggaaatgcg tgttctagct ttctgtgtgc ttaggtgccc gagctactga gggcttaagt 60
 ccgggcagcc gaagagtgtg gtcgcaagat gaacaaagat gcgcagatga gagcagcgat 120
 taaccaaag ttgatagaaa ctggagaaaag agaacgcctc acagagttgc tgagagctaa 180
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240
 aaaaggacta gaacacgtta ctgttgatga cttggtggct gaaatcactc caaaggcag 300
 agccctggta cctgacagtg taaagaagga gctcctacaa agaataagaa cattccttgc 360
 tcagcatgcc agcctttaag attgaattag attgtggtgg 400

<210> 2151
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2151
 ggaaatgcgt gttctagctt tctgtgtgct taggtgccc agctactgag ggtctaagtc 60
 cgggcagccg aagagtgtgg ttagcaagat gaacaaagat gcgcagatga gagcagcgat 120
 taaccaaag ttgatagaaa ctggagaaaag agaacgcctc aaagagttgc tgagagctaa 180
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240
 aaaaggacta gaacacgtta ctgttgatga cttggtggct gaaatcactc caaaggcag 300
 agccctggta cctgacagtg taaagaagga gctcctaaca agaataagaa catt 354

<210> 2152
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 2152
 cgccggtgtg atacactgac ctgactatta acagcccaat atctacaatc aaccagcaag 60
 tccttattac cctcactgtc aaccaaacac aggcattgtc gtgggaaacc accctttatt 120

tgagattaaa	aaagggggct	tttttttaaa	aagccccacc	acttggcata	tcctgggagg	180
ggttggcccc	ccccccccct	tggtggccgg	ggaaaagggc	cttttttttg	aattttttga	240
acccccgggg	ttttttgggc	cccttataac	ccggcatt			278

<210> 2153

<211> 336

<212> DNA

<213> Homo sapiens

<400> 2153

gggaaatgcg	tgttctagct	ttctgtgtgc	ttaggtgccc	gagctactga	gggtctaagt	60
ccgggcagcc	gaagagtgtg	gtcgcacgat	gaacaaagat	gcgcagatga	gagcagcgat	120
taacccaaaag	ttgatagata	ctggagaagg	agaacgcctc	aaagagttgc	tgagagctaa	180
attaattgaa	tgtggctgga	aggatcagtt	gaaggcacac	tgtaaagagg	ttattaaaga	240
aaaaggacta	gaacacgtta	cttgtgatga	cttggtggct	gaaatcactc	ccaaaggcag	300
agcccttgta	cctgacagtg	tgaaaaaagg	agctcc			336

<210> 2154

<211> 334

<212> DNA

<213> Homo sapiens

<400> 2154

agaacttgag	aaactataaa	tacatagaaa	ctaagcaaca	tgctcttgaa	tgatcattag	60
gttaaggaca	aaattaagga	gaaaatcaaa	aaaattcttg	caacaaatga	aaattgaaac	120
acaacatacc	aaaaacctac	gggatgtgga	aaagaaggaa	aatttccagc	aataaatgcc	180
tacatggaaa	aaatagtaag	atttcaaata	aacaatctaa	caatgcaact	ctataagcta	240
gatacacaaa	aacaaaccag	actcaaaatt	agtaaaataa	ataataagat	cagagcaaag	300
ctaaataaat	acgagagatc	aatcaaaca	acat			334

<210> 2155

<211> 331

<212> DNA

<213> Homo sapiens

<400> 2155

ttctgtctca	gcctcccag	tatctgggac	tactgggtgcc	caccaccaca	cctgggctagt	60
tttttgtatt	tttagtagag	acgggggtttc	accatggttg	tcaggatggg	ctcgatctct	120
tgacctcgta	atgtaccgga	ctcgggctcc	caaagtgcct	ggatgacctc	tacgtatctg	180
ttagatttac	ttctccacgt	tcttatcaac	ctgtttgcgt	atgctcatga	gctgtttctt	240
gttccgggag	tgaagccagg	ccttttccct	tctcttatgc	agagtaactg	ccactgcctg	300
ggactttcag	tcaacctcgt	gcgccaggca	c			331

<210> 2156

<211> 334

<212> DNA

<213> Homo sapiens

<400> 2156

aaattaacaa	tctaacatca	cacctagagg	aactagaaaa	acaaaaacat	actaacccca	60
aactggcaga	agaaaaaaaa	ataactaaaa	tcagagcagt	actgtacaga	attgagaccc	120
aaaaaaaaatca	tacaaaaaatt	caacaaaacc	aaaagggtgt	tcttccaaag	gataaacaag	180
attgatagac	cacaggctaa	attaacaaaag	aaaagagaaa	agatccaaac	aagcacaatc	240
agaaacaaca	aaagtgaat	taccatcaat	cccacaaaaa	tacaaaaaat	cctcaaaaaac	300
tattatgaaa	acccttatgc	acaccaacta	aaaa			334

<210> 2157

<211> 337
 <212> DNA
 <213> Homo sapiens

<400> 2157
 agtgagccat gattgtgcca ccacactcca gcacaggcaa aaaagcagac cctattttcta 60
 aaaaaaaaaa aaattaaaat taaaaacatt tttaaagaat gacatttcac aatgataaaa 120
 tgacaaaccc atcatgatga tataataatt acaaacatat atgccctaa caacagagcc 180
 tcaaaatata tgaagcaaaa gctgacagaa ttgaagagta aaatcatcaa tacaaaaata 240
 atatttgag ccttcaatat cccactttca attatgaaca gaacaactac acagaagggtc 300
 aatgaggaaa taaaagattg aataacactt caaacca 337

<210> 2158
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 2158
 tacggttggt agnnnnnnnn nnngggtact gttttttctga gcacaggata taggaatcaa 60
 tctgttctta ttttatattt caggtaatat ctcccagctg taatgatgac atcacagtga 120
 aaaaggatca gtgtttagtt cgatcattta ttgattctaa attgtgagta atgaatcctt 180
 taatgatggt acgtgggagg aaaaaaaaaa tagaattaca atgatagaca cctccccac 240
 caaaacttta tttttaaaag tctaatacatt catgaactga gaagttgtta cctaataagg 300
 tttgactttt tgtaatgtag ggtatttttc actaataaat ttg 343

<210> 2159
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2159
 aggggggtgcg gcgcgggtcc tccatatgct gagcgccggt cccctgggccc cactttttctt 60
 tctctatact ttggctctgt tgcctttctt ttctcaagtc tctcggtcca cctgaggaga 120
 aatgccacga gctgtggagg cgcaggccac tccatctggt gcccaacgtg gatgctttcc 180
 tctagggtga agggactctc gagtgtggtc attgaggaca agtcaacgag agattccga 240
 gtacgtctac agtgagcctt gtgggtgaag gtactctaca gtgtggtcat tgaggacaag 300
 ttgacgagag agtcccaagt acgtccacgg tcagccttgc ggtaagcttg tgtg 354

<210> 2160
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 2160
 gatataaatt aatatacaaa aatcaattgt atttctatac acttgcaatg aatcatccaa 60
 aactaaaatt aagtaaacaa tttcatttac agtaacatca taaagagtaa aacattttacg 120
 aataaattta acaaaaacat tttcaacata tactctgaaa actacaaaac attgttttaa 180
 gagagtcaaa aatatctaca gaataggaaa agaagtcac attcacgaat aagaaggctt 240
 gatattgttt aagatgacaa tattccccaa actgatctac agattcaaag cagtctgtag 300
 cagaatccca gctgacc 317

<210> 2161

<211> 318
 <212> DNA
 <213> Homo sapiens

<400> 2161
 gcatggatga ttttcaagga tagaccatgg ctaggccaca aaataagtct ttaaaaacta 60
 aagaaaaaat ataattatgt caaatatctt ttccgattac acaggaaaaa gctagaaata 120
 acaggaatgt tggaaaatat gaaaaataaa cagtatgaat gtcttgaatg actagtgaga 180
 aaacacagaa attaagaaaa aataaaaaata aattgaaaca aatgagaatg aaaacacaac 240
 atacaaaaac ctatgagata caacaaaagc agtactaaga ggaagggtta tggcaataag 300
 tgcttacatc aaaaaagg 318

<210> 2162
 <211> 234
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (234)
 <223> n = A,T,C or G

<400> 2162
 cccaggaggg ttggccggac acagtggtag tggctcacac ctgtaatcct aatgcttttg 60
 gagcctgagg cgggaggacc ccttgagccc aagagggtcaa ggccacaatg agctatgatg 120
 gtgccactgt actccggcct gggcagcaga gcaaaaccct gtctcanaag agagagagaa 180
 agccgggtgt ggtggttcac acctgtaatc ccagcatttt gggagcccaa ggcn 234

<210> 2163
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 2163
 agataaataa ttgtgtcttt ccttgtgttc attctgagct ttatatatac ttaatgcata 60
 acacctatca cattggacta caactaactg tttcttccct tctaggtaat gatctccaaa 120
 atataaacat gatttatcac ttggcacatg atatttcata aatgcttggt gaacaaacaa 180
 ataaaatact atcaaagggt ggaaggaagg aacaaaaggg aaatagtatg agatagtttt 240
 tacctgcacg agttcattga ggacaacagc atcaaagcca gaaagggtact gcacgtaata 300
 cctctgcatt acaggtccgt atttcctcac atgtgctcta aggtc 345

<210> 2164
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 2164
 cggtgtgtgc gatttcgatt ttcttgaaat ataatttgtc actttaaaaa ttatgtaaat 60
 tgctatttgg attaatgtga agaaaacttt gttcatctta tgatcacaaa tattttcttc 120
 tgaaaaaaa gctctctgaa gagttttttt tttcaatgaa ggggttttct ttcttctctc 180
 catatgttat cttctgaata gctaagcaat gtttacatta tttattcagg cttttccatc 240
 cactttcacg gattccactg aaggagaaat tgggtttgaa atcctctttt ctcaaaaact 300
 aatgagtcac gcggggccat gatgagctgt aacttctcaa gaggaagaa ccccgtagaa 360
 aactatagct ggaaggatct aggttgacct gtctgtgatt ta 402

<210> 2165
 <211> 303

<212> DNA
<213> Homo sapiens

<400> 2165
gaaggaaatt ggaaaaaaa atttaaaca atgataatga aaacacaaca ttccaaaaac 60
tatgagatgc aacaaaagca gtactaaaag ggaagttaat agatacaagt gcccacatcg 120
taagagaaaa aaaacttgaa ataacctaat gatgcatctt aaataactag aaaagcaaga 180
gcaaaccaaa cccaaattta tgagaagaaa agaaagaata aatatcatag cagaaataaa 240
ttaaattgaa acaaagaaaa caatccaaaa catcaatgaa atgaaaagtt ggtgtgttga 300
aaa 303

<210> 2166
<211> 314
<212> DNA
<213> Homo sapiens

<400> 2166
tcttcactga tgatatgatt ctatacctgg aaacccttaa acatttcacc aaaaagcttc 60
tagacttgat gaacaacttc agtaaaagtt caggatacaa aatcaatgtg aaaaaatcaa 120
taccatttct atacaccaat aatgtttaag ctgagaacca aaccaagaac ataattctcat 180
ttacaatata cacacacaca cacacacaca cacacacaca cacacacaca cacagagata 240
ggtatatatc tacgcggggg ggtgagagat ctctacagag agatctacaa cactctggtg 300
agagaaatca gaga 314

<210> 2167
<211> 320
<212> DNA
<213> Homo sapiens

<400> 2167
ggcggcgcggt gtcctccata tgctgagcgc cgggtcccctg ggcccaacttt tctttctcta 60
tactttgtct ctgttgtctt tcttttctca agtctctcgt tccacctgag gagaaatgcc 120
cacagctgtg gaggcgcagg ccaactccatc tgggtgcccac cgtggatgct tttctctagg 180
gtgaagggac tctcgagtgt ggtcattgag gacaagtcaa cgagagattc ccgagtacgt 240
ctacagttag ccttgtgggt gaagggtactc tacagtgtgg tcattggaga caagggtgacc 300
agagaggccc aagtacgtcg 320

<210> 2168
<211> 313
<212> DNA
<213> Homo sapiens

<400> 2168
gcgggcgcggt tccctccatat gctgagcgcg ggtcccctgg gcccactttt ctttctctat 60
actttgtctc tggtgtcttt cttttctcaa gtctctcgtt ccacctgagg agaaatgccc 120
acagctgtgg aggcgcaggc cactccatct ggtgcccac gtggatgctt ttctctaggg 180
tgaagggact ctcgagtgtg gtcattgagg acaagtcaac gagagattcc cgagtacgtc 240
tacagttagc cttgtgggtg aagggtactc acagtgtggt cattgaggac aagttgacga 300
gagagtccca agt 313

<210> 2169
<211> 341
<212> DNA
<213> Homo sapiens

<400> 2169
ggatctcgct ccgggtcccg cagtgggtcc cggagaggaa gtttcgacgc cacagggaaat 60

tcttctact	cttattccta	ctcatttagc	agtagttcta	ttgggcacta	gtagtcagtt	120
gggagaggac	gctatacctt	gacttcattt	ataagactat	ccactttatt	aagtagtaga	180
aaacaaaata	aagggtgctgt	gtttatgata	gacaagatat	tctcctgctt	acaacataac	240
ttaagacaga	tgggggggct	tttacgcac	gcgtctttcg	ggctctatgt	tctccttacc	300
ccaaaaattc	gattttccgc	gttgtgtata	taaagtgagg	g		341

<210> 2170
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 2170	
tacggctggt	agaatacgc
agactaccta	tattctaact
gggtctccacc	aaggggagaat
taaaaaaa	tctttttttt
tttgtccccc	aggttgaagg
gggttaaatgc	cgttttccctg
ccaaaccggg	tn
	60
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
ctagaccaca	cgatgctttt
aatttttttt	tttttgaaag
aattttaagct	cattgcaggc
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	120
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
ctagaccaca	cgatgctttt
aatttttttt	tttttgaaag
aattttaagct	cattgcaggc
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	180
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
ctagaccaca	cgatgctttt
aatttttttt	tttttgaaag
aattttaagct	cattgcaggc
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	240
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
ctagaccaca	cgatgctttt
aatttttttt	tttttgaaag
aattttaagct	cattgcaggc
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	300
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
ctagaccaca	cgatgctttt
aatttttttt	tttttgaaag
aattttaagct	cattgcaggc
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	360
agaacgggat	tgtgtaagga
ggatctctga	gctctgggca
ctagaccaca	cgatgctttt
aatttttttt	tttttgaaag
aattttaagct	cattgcaggc
cctcaccctc	caaagtatct
ggaactacag	ggccccgcca
	372

<210> 2171
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2171	
gcggcgcggg	tctcccatat
actttgtctc	tgttgtcttt
acagctgtgg	aggcgaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	60
gcggcgcggg	tctcccatat
actttgtctc	tgttgtcttt
acagctgtgg	aggcgaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	120
gcggcgcggg	tctcccatat
actttgtctc	tgttgtcttt
acagctgtgg	aggcgaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	180
gcggcgcggg	tctcccatat
actttgtctc	tgttgtcttt
acagctgtgg	aggcgaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	240
gcggcgcggg	tctcccatat
actttgtctc	tgttgtcttt
acagctgtgg	aggcgaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	300
gcggcgcggg	tctcccatat
actttgtctc	tgttgtcttt
acagctgtgg	aggcgaggc
tgaagggact	ctcgagtgtg
tacagtgagc	cttgtgggtg
gagagtccca	agtacgtcca
	328

<210> 2172
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 2172	
acaacctgga	aagggtcttc
aagacaaaat	tctaaaacag
actgacaaac	aacaaatttc
cattcaaaat	gctgaaacaa
taacctttat	aaatgaaggg
	60
acaacctgga	aagggtcttc
aagacaaaat	tctaaaacag
actgacaaac	aacaaatttc
cattcaaaat	gctgaaacaa
taacctttat	aaatgaaggg
	120
acaacctgga	aagggtcttc
aagacaaaat	tctaaaacag
actgacaaac	aacaaatttc
cattcaaaat	gctgaaacaa
taacctttat	aaatgaaggg
	180
acaacctgga	aagggtcttc
aagacaaaat	tctaaaacag
actgacaaac	aacaaatttc
cattcaaaat	gctgaaacaa
taacctttat	aaatgaaggg
	240
acaacctgga	aagggtcttc
aagacaaaat	tctaaaacag
actgacaaac	aacaaatttc
cattcaaaat	gctgaaacaa
taacctttat	aaatgaaggg
	286

<210> 2173
 <211> 360

<212> DNA
<213> Homo sapiens

<400> 2173
 aaaaccactt taatacagtt tcaagatata aatcaatgc acaaaaatca gtagcatttc 60
 tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaatag 120
 ccacaaagaa aatgaaatta tctaggaata cagctaacca aagaggtgaa agacctgtac 180
 aaagagaacc accaaacact gctgaaagaa ttcagaaatg acacaaatga acagaaaaca 240
 ttccatgctc atggattgaa agaataatg tcatttgaaa tgtccatact gcacgaagta 300
 atttaaagat tcaatgctat tcctatcaaa ctaccaatgt cattcttcat aggattaaaa 360

<210> 2174
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 2174
 aaaaccactt taatacagtt tcaagatata aatcaatgc acaaaaatca gtagcatttc 60
 tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaatag 120
 ccacaaagaa aatgaaatta tctaggaata cagctaacca aagaggtgaa agacctgtac 180
 aaagagaacc accaaacact gctgaaagaa ttcagaaatg acacaaatga acagaaaaca 240
 ttccatgctc atggattgaa agaataatg tcatttgaaa tgtccatact gcacgaagta 300
 atttaaagat tcaatgctat tcctatcaaa ctaccaatgt cattc 345

<210> 2175
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 2175
 gcaagtaaaag caggtgcac taaaccagga aggagaacat acttggccct tgettcttcc 60
 catttttgggt ttttctcatc aaaagctttc ttcataattt ggtaccactt tctgaaatca 120
 aaccatggct tatctgaaag aaataaaatc caagattatt aaccaaataa accacactat 180
 aataatatac attgttcatc tgagttttca ttaattgact gcaactgggca gttgggtgta 240
 gtgtgtgatc aagatgtaga cattagagag acaacagaac tgaatgcagt aaagtataaa 300
 aactcactcc tcaactcttc actccatata gggattattc tccattattc tctggcga 358

<210> 2176
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 2176
 cgtttgcgtc ggttgctcct ggtcactccc tttatagcca ttactgtctt gtttcttgta 60
 actcagggtta ggttttggtc tctcttgctc cactgcnnaa aaaaaaaaaa aaaaaaaaaa 120
 aatttacccc cttaaaaaaa taaaaggggg gaaaaccctc cccccaatt tttgggggtt 180
 ttgaagagga attttttttt tcccccttgg ggggaaaaaa attttttttt ttggccattt 240
 taaaccccc ctttttttgg gggggccctt ttttgaaag ggccccttaa caaacctta 300
 accgggggtt ttttaacccc gggggggggg gggggggcgg gcaaaaattt tttttggggc 360
 ccttggcggg gttttttttt tttttaaaag aaattggggg ccccat 407

<210> 2177

<211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2177
 aattctcaat aattaagtat agaaggaagg taccgccaaa caataaagac cacatgtgac 60
 agactcacgg ctaacatcat attgaatggg gaatagctga aagtaagaac tggaaacagga 120
 caaggaggcc cattttcact actgttttgt gatatgggtac tggaaatcct agtcagaata 180
 attaggggaag agaaagaaat aagggggaatc caaattagaa agaaggaatt caaattgtcc 240
 ctgttttcac aggacatgat cttatatata gaaaaaccta gactccacca aaaaactctt 300
 agaactgata aacaaattca gtaaagtt 328

<210> 2178
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 2178
 gggccccgga aatgcgtggt ctacgttttct gtgtgcttag gtgcccgagc tactgaggggt 60
 ctaagtcagg gcagccgaag agtgtgggta gcaagatgaa caaagatgag cagatgagag 120
 cagcgattaa ccaaaagttg atagaaactg gagaaagaga acgcctcaaa gagttgctga 180
 gagctaaatt aattgaatgt ggctggaagg atcagttgaa ggcacactgt aaagaggtaa 240
 ttaaagaaaa aggactagaa cacgttactg ttgatgactt ggtggctgaa atcactccaa 300
 aaggc 305

<210> 2179
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2179
 cgtggctgtc gaccgtttat atgtttttct tttggctctga aatacttctg aacagaggtt 60
 atttttttta gaaaaaggcc gagacggggc tttactatgt tgcccaggct gctgtctaac 120
 tcctgggctc aagcgatcct tctgccttgg cctcccgaag tgctgggatt gcaggcataa 180
 gctaccatgc tgggcctgaa cataatttca agaggaggat ttataaaacc attttctgta 240
 atcaaatgat tgggtgtcatt ttcctatttg ccaatgtagt ctcaattata aaaacaaaca 300
 gaaacaaaaa cgggaaattt ccttcaacgg cctttatttg gggtaaaggg gatccttaac 360
 cccctttttt atggaactct caaagcgggg tccg 394

<210> 2180
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 2180
 gagtgcggtc acatacttcc agaagagcgg accagggtct ctgccagcac ctgccactca 60
 gagcgctct gtcgctggga ccttcagggt aggacagctc ccaacgctgt ggggactctc 120
 agcaaaaactt ctccttcctt tccacggctc tgcttcttct gacctcatct tagctttgct 180
 ttttatcttc ttccttcgct atttttctat gatcctctaa gaaccaagtc cttgaaactt 240

<210> 2181
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 2181
 gggaaacttct gtgttatctt actcttaaaa ccaaaactcta ccttttcttg gtgttttttt 60

tttttttttt	gggaaccctt	caaattcagg	cāagaaggg	ggttaatttt	aaaaaccagg	120
gaaaaaacgg	ccccccatt	tggttgacga	agggttttaa	gggcctaact	gggccccagg	180
gcacaccggg	gccaaattaa	gcccggaatg	ttgcccgggc	ccgaaaaagc	ccggggcccc	240
tgtttcttta	tggggaatta	aagggcgggg	ggtaaaggaa	ccattccttt	ttctgggaaa	300
taaaaaccgc	aaagttgcc	tggcccggcc	ctttttttgt	ttcggggaat	ccaatggggg	360
ggaacttggg	gaaaacgggc	cttgggaaaa	aaaaaaaa			398

<210> 2182
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 2182						
ggattgctct	agctatttgg	ggtctttcat	gattccctat	gagttttagg	atTTTTtttc	60
tatttctgta	agaatgtctt	tggtattttg	atagggattg	tggtggatat	gtagattgtt	120
ttggatagta	tagagatttt	aataatattc	attcttctag	tccatgagtg	tgaaatatat	180
ttccattttt	ttgtgtcttc	ttcaatttat	tttatcagtg	ttttgtaggt	tttcttttag	240
agatttttca	cctctttgat	ttaattttatt	cctgttttgt	agctattgta	aatgggattg	300
ttttcttgat						310

<210> 2183
 <211> 226
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 2183						
tgnnnnttnt	atnttactta	cagaccgaag	cctcaacatc	actttttttt	accctgcggg	60
aggaggagac	cccattctat	accatcacgt	attctgattt	tggggtggcc	ctgaagtttt	120
ttttttattc	tatctggctt	cggactaatc	tccattttgt	gtgttggtat	tctggccaga	180
atatccattt	ttttacattg	ggtgcggcct	gggcttcctt	gtactg		226

<210> 2184
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 2184						
tgacgctacc	agctgagtta	caagagaaaa	tgatcacatg	catcagaggc	ttggagaaaag	60
ctaaagtgat	tcagccaggc	tacggtgttc	agtatgatta	cttagatccc	cgtcagatca	120
ccccttcctt	ggagactcat	ttggttcaac	gactcttctt	tgctggacag	atcaatggca	180
ccactggtta	tgaggaagct	gcagctcaag	gtgtgatagc	cggaatcaac	gccagtcttc	240
gggtcagtcg	caagcctccc	tttgtggtta	gccgaacaga	aggttacata	ggagtcttga	300
ttgatgacct	cactactctg	ggcaccagtg	aaccataccg	catgtttacc	agccgagtag	360
agttccgttt	gtcactgcgc	cctgataatg	ctgacagccg	gct		403

<210> 2185
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 2185

cggttgctgtc	gcgacctgct	tctgggtcgg	ggtttcgtac	gtagcagagc	agctccctcg	60
ctgcgatcta	ttgaaagtca	gccctcgaca	caagggtttg	ccgttgctgt	cgctagcagt	120
ggaagaagac	tgaatatctc	gtataccaga	aacatgactc	ttaaagatgg	taaaaacaat	180
gtagccatag	ctgtaacgta	taaccatgat	gggtcttata	gcatgcagat	tgaagataaa	240
actttccaag	tccttggtta	tctttacagc	gagggagact	gcacttacct	gaaatgttct	300
gttaatggag	ttgctagtaa	agcgaagctg	attatcctgg	aaaacactat	ttacctattt	360
tccaaggaag	gaagtattga	gattgacatt	ccagtcn			397

<210> 2186

<211> 307

<212> DNA

<213> Homo sapiens

<400> 2186

ggctgactct	cttttcggac	ttagcccgcc	tgcacccagg	tgaataaaac	agccttggtg	60
ctcacacaaa	gcctatttgg	tgggtctctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcggggagac	cagtcacctt	cccctgtcct	cgccctcact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggatct	tcttgactta	gcagctgaag	actgatgctg	cccgattgcc	300
ttggaaa						307

<210> 2187

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2187

aaagaccatt	atggggccact	ggacaaacac	atgaatacac	agaccattga	cactataaaag	60
caaccacaca	ctcgagagga	cagtaataat	tagctgacga	cacaagatca	ggatcagagc	120
cacacctata	aactctaacc	ttgaatgtaa	atggcataaa	tatcctgatt	aaaaggcaca	180
gagtggcaag	ctggataaag	aagaaatacc	caatcgatatg	ttgtcttcaa	gagacccatt	240
tcacatgcaa	tgacacacat	aggctcaaaa	taaaggggaag	gagaaaaatc	tggcacccaa	300
gagggaaaaca	gaa					313

<210> 2188

<211> 364

<212> DNA

<213> Homo sapiens

<400> 2188

tgcgtccaga	ggacctgtcc	ggcagcacct	ccatgcctga	gccaagcca	gggctcatgt	60
gaaggctcct	gaagtaactc	caagcccaga	ggagcagtgg	gacaaggcag	ggagacaggg	120
gcggcaacgc	gagctcttca	ggggaggctc	ctggactgcc	taagcattgt	tcctcccacc	180
cactgggcag	aggcccccta	cccccaggca	gcgccagctg	gaccaagcca	ggaaccacga	240
gccagcggcc	tgagcactca	cgggtctcca	catcctgcac	gtagaagtgc	aggctcatcag	300
tgatctcagt	cacaaacacg	ggcttgtagc	tagcagatcg	ctccttgtct	cagcactggc	360
atca						364

<210> 2189

<211> 176

<212> DNA

<213> Homo sapiens

<400> 2189
 tgggaggggtg aggaggggcat atcacttgaa tccaggtggt cgagatcagt gtggacaaca 60
 tgatgaaacc ctgtctctac caaaaataact gaaattagct gtgcatgggt gcactcgcct 120
 gtagtcccag ctatttgggg gactaggcca gaggatcact tgagccaggg aggttg 176

<210> 2190
 <211> 178
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 2190
 ttggaaacca cagtttcatg cccatcgctc tagaattaat tcccctaaaa atctttgaaa 60
 tagggcccgt attacccta tagcacccc tctagagacg ggggncnnan natntntn 120
 nnnaaaaagg ggggtgtttt aaggaccca acagatgagc tccgctctgc agctggcg 178

<210> 2191
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2191
 agtgggcatg gctggggctg cacactccat ggagccaacg gaagccaaga acaggcggga 60
 gccctactcc cttctgagtt ggcagggcca gtgcagctgc agccaaccag ctgtagctgt 120
 ggaccagggc atccctgcac tcttgactca ggaagcccc tgcaccaca ggctcaaaaa 180
 tgccctgctc cactgcctgg cctcttctctg ttccctgggtgc ccgctccaat tttggagcaa 240
 agttgaggct gagcccaggc actgtcgcaa cctgccacag tgcacgcatg ctcagggcag 300
 cactgataca ccagccccct gccaaacttg gcttctctg gctttgggca gaga 354

<210> 2192
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2192
 gtgatccaca cacctcgccc tccc aaagtg ccgggatgac aggtgtgagc cactgtgcct 60
 ggcctgaaat gattatgtct ctatgtataa ataaatgaaa atcaaggcca ggcacgggtg 120
 ctcatgtctg taatcctatc actttgggtg gccgtggcag gtggatcaca aggtcacgag 180
 ttcaatacca tcctggccaa tatgatgaaa ccccatcttt attagaacta cccatattta 240
 tccggtcgtg atggagaaaa cctgtagtcc cagctactcc ggaggctgtt ggaataactt 300
 ttttaattct tct 313

<210> 2193
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2193
 tgttgcagtc gaggactgca acagcccact gacagcactg gacagatcac cgcagaaaac 60
 taacaaattc tcgacttaaa ttgaagtttt gacc aaatgg acgtaataca cacgtacaga 120
 ataccctacc caacaaccac agaatacaca ttttactcat ctttgcagtc tctaaaaatg 180
 accacatgct cagtcataaa gcaagtctca ataaattcaa aaaagcagaa atcataccaa 240
 gcatctgttt ggaccacagt tgaataaaat tagaaatcaa taccaagaat aactctgaaa 300

gccacgtaag tacatggaaa tgaaacg

327

<210> 2194

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2194

agataaacat	aaatggaaa	atatcttg	ttcatggatt	agaaggctta	acattattaa	60
aatagctata	ctaccacaaa	caatctacag	attgttattc	caatccaaat	ccccaaagta	120
tgttttacag	aaatagaaaa	caccatccta	aaattcagat	gcaatgacaa	aagagcaata	180
gccaaagcaa	tctcgagaag	gaaaaacata	gttggaggta	tcacatttcc	tggtttgaaa	240
atagattaca	aagtcattgg	aattaaaaca	gtatggcaca	ggcataaaga	cacatataga	300
ccaatggaat	agaatacaaa	gcccagaatg	aaattcacac	acatatgggc	aactgccttt	360
gacaaagggt	cgaanagtac	acaacag				387

<210> 2195

<211> 256

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 2195

accttactac	cagacaacct	tagccaaacc	atttacccaa	ataaagtata	ggcगतagaa	60
attgaaacct	ggcgcaatag	atatagtacc	gcanaaaaaa	aaaaaaaaaa	aaaaaccttt	120
ggggggcggt	tttttcggaa	atcccaaccg	ggaaaaaacc	ttgggggggg	tgggcccacc	180
ccccctaaa	agggcgggga	aaaaagggtt	tttttgggaa	attgggaggg	ctttgggttt	240
tttgggaccc	cataaa					256

<210> 2196

<211> 330

<212> DNA

<213> Homo sapiens

<400> 2196

gttccttaga	acgtgcaatg	ccacagtcag	agacgttcaa	actggaagcc	aggacaacaa	60
gatgctgact	taaagctgtg	gacagccttc	tccaagatgg	cagaagaaga	ctccatgtca	120
taatgactct	tacccttttt	aatttttttt	tacttatgcc	tgctcttttc	acttggaag	180
aaaatgctgg	caccacaatt	tcacaattcg	catcttttgg	ggaaaaaagg	ctggatgggt	240
cacccttttt	tagctgctgt	tatttgttta	ttttggcgcc	cgcctttttt	acttggcggt	300
aagagggctg	ctcttttaaa	tttccacacc				330

<210> 2197

<211> 319

<212> DNA

<213> Homo sapiens

<400> 2197

ggtacaagtg	tccaatggtg	ctatatctct	tcctgatttt	tggctaccct	aaatccatta	60
tgcagatagg	gctgggtgtc	tgccagtttg	cacatcttcc	cactaaggta	tgctctgttg	120
tatctttcag	gcttattcaa	acctccttag	agctaacatg	gatgggttga	agaagagaga	180
caaaaagaac	aaaactaaga	agaccaaaagc	agcagcagca	gcagcagcag	cacctgccgc	240
agcagcaaca	gcagcaacaa	cagcagcaac	aacagcagca	acagcagcac	agtaaagggc	300
atacatttcc	tgctttcac					319

<210> 2198

<211> 380

<212> DNA

<213> Homo sapiens

<400> 2198

tactacggtt	gcgacatgac	gacagacagt	gatcagggcg	cacacacccc	aactgacagg	60
cggtgcctct	gctggcttat	atgtgcttgt	ctggcagcta	tggctagagc	tgtggccctc	120
ccaacctgca	actggcgatc	tgacaacggg	cagacgcgtc	tcctctagtg	tttccgtgac	180
ccctgacccg	cgagcacgct	atctgggagg	caccccttag	tatgggcaga	ctgacacctc	240
acacggccgg	gtactcctct	gagacaaaac	ttccagagga	acgatcagac	agcagcattc	300
gtggatcacg	aaaatccgct	cttctgctgc	caccactgct	gtgacccagg	caaacagggg	360
ctggagtggg	cctctagcaa					380

<210> 2199

<211> 346

<212> DNA

<213> Homo sapiens

<400> 2199

atttttctct	tccccaccac	agcatctttg	cgtgtgtgtg	tggcggggtg	ttggaggggg	60
caagttaagc	ctcattccct	ataatttgga	acattccttc	ggatttgatc	gagtcagata	120
gagttggtca	aaccctaatg	gaaaaagact	aaagggaacta	caaaacagaa	acaaacaaat	180
gacaacaaca	acaaaaaaac	aggtaagcaa	aacaaacaat	caattgcaca	acttatacaa	240
ttagttagca	ctctaattgt	aaggagaaat	taagtccagc	tggttgttaa	tcttaacttt	300
ggccaagaca	aaccctcagtt	cagttactta	cctgcagacg	ggtctc		346

<210> 2200

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 2200

cactacctat	aaaatcccaa	acataataact	gaactcctca	cacccaattg	gaccaatcta	60
tcaccctata	gaagaactaa	tgttagtata	agtaacntgg	agaaaagggc	cattttttgg	120
aattaatagg	ggggggggtt	tttt				144

<210> 2201

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2201

atctgtgaaa	agatatattg	taacacatta	aggcctatgg	tgaaaaagga	aatatcttca	60
gataaaaacc	agaaagaagt	tttcttagaa	actggttttg	cttgtgtgca	tttatctcag	120

agagttaaaa	ctttcttttg	attcagcagt	ttagaaacac	tgtttttgtc	cattctgtga	180
atggacgttt	gggagctcat	tgaagccaac	gtcaaaaagg	tgactaaccc	aggattaaaa	240
cttgaagaaa	gctatctgag	aaatagcttt	ctgatgtgtg	cattcatctc	acagagttaa	300
aactttctct	tcattc					316

<210> 2202

<211> 366

<212> DNA

<213> Homo sapiens

<400> 2202

aaagatctca	atgaaggatc	taacatcaca	cccagaagaa	acagaaaaac	aagaggaaat	60
caaccacaaa	gctagcagaa	aaaaagaaat	aaccaaatac	agagcctatt	tgagtgaat	120
ggaaatgaca	aaaagatata	aaaaatcaag	gaaactaaaa	attgtatttt	tgaaagacta	180
aataagattg	atacaccagt	aactagacta	atacagaaaa	aaagagagaa	gatccaaata	240
aacacaatca	taaatcacia	ggaggacact	aacaccaacc	ctacagaaat	acaaaagatt	300
tctcacagac	tattatgaat	tctctatgca	cacaaagtgg	aaagccagaa	gaattagata	360
aattct						366

<210> 2203

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (451)

<223> n = A,T,C or G

<400> 2203

gtcgtggagg	tgatctggc	aattttatgg	gtcgcggagg	gaactttgga	ggtggtggag	60
gtaattttgg	ccgtggtgga	aactttggtg	gaagaggagg	ctatggtggt	ggaggtggtg	120
gcagcagagg	tagttatgga	ggaggtgatg	gtggatataa	tggtattgga	ggtgatggcg	180
ncnctatcg	cggcgccctt	ggcccttgcc	tcctggcctg	ctatcctggc	ggcgcgcccc	240
cctgtctccc	ccacgcgctt	cgccctgggtg	gtaccgcggag	gatttccactc	gaacgtcctc	300
cacggcctgt	tgccgccttg	tccctttcgc	ggcctccctt	tctcctgggg	cccattctgc	360
cggagaatng	actatctctc	ccccctgaca	ctagcttccg	tcactccctg	accccgcan	420
ctatctcttc	ctcccaccgg	ggccccccac	n			451

<210> 2204

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (385)

<223> n = A,T,C or G

<400> 2204

ttagcagaaa	cgatagcctg	ttatagtgga	cagcttgctg	ctctgacgga	tgaaaacaca	60
acgctccgtt	ctaaactgga	gaagcaaaga	gagagcgggc	aaagactgga	aacagaaatg	120
caatcatacc	gttgtagact	gaatgctgct	ctatgtgac	atgatcaaag	tcactcatca	180
aaaagagacc	aagagcttgc	tttccagggc	acagtagata	aatgttgtca	tttacaggaa	240
aatttgaatt	ctcatgttct	gattctttct	ctgcaacttt	ctaaagctga	gagtaagttc	300
agagtccctg	aaactgagct	ccattacaca	ggagaggctc	tgaaagaaaa	ggctttgggt	360
tttgaacacg	ggcaaaggga	gctan				385

<210> 2205
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 2205									
cggttgctgtc	gggcaagcgt	tcgatttttt	gtcgttggat	cgcgagcggg	gtctgcttgt				60
gccgcgcgag	gctcccagga	cagggcaggg	atctaggggg	tttgcgccacc	tgctttttta				120
tgccccgccc	cccctttttt	tttttaaagg	gggggggggtg	aaagtgaggg	aggaaaaggg				180
acaaaatact	gactggaacg	taaattcgag	catttcttat	gcgaagagcg	gataaccagt				240
tccggattct	tttttaagtt	tctccattag	ataaatttaa	ttttcaaagg	ctccgggttg				300
caggctaaat	tttgaaacta	gcccgggggt	tggcaaaatt	tgactgaatc	ctgggggggag				360
aggctggacc	cacgcccacg	ggtatctaga	atattgagcc	cggcagttca	aaccagg				417

<210> 2206
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (410)
 <223> n = A,T,C or G

<400> 2206									
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gaagagtatg	tggggccccc	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag				120
gaggaactcg	aggccgagca	tgggactggg	gacaagcccc	cggcgccgcg	ggaacgcacc				180
acgcggctgg	gtccaagaat	gcctcaggat	ggatcagatg	acgaggacga	ggagtggccc				240
accctggaga	aggctgccac	aatgacagca	gcggggccatc	atgcagaggt	ggttgtggac				300
cctgaggatg	agcgtgccat	agagatgttc	atgaacaaga	accctcctgc	caggcgcacc				360
ctggctgaca	tcatcatgga	gaagctgact	gagaagcaga	cagaggttgn					410

<210> 2207
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (413)
 <223> n = A,T,C or G

<400> 2207									
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gtggatttta	gttctctatt	gcactgtctc	agttttgaac	agatacttca	gatctttgcc				120
tctgccgtgc	tggagagaaa	aatcatcttc	ctggcggaag	gtctcagcac	cttgtctcag				180
tgcattccatg	ctgctgccgc	actgctctac	cccttcagct	gggcgcacac	ctacatccct				240
gttgtccctg	agagccttct	ggccaccgtc	tgctgcccga	cccccttcat	ggttggagta				300
caaattgcgt	tccagcagga	ggtcatggac	agccctatgg	nagaggtcct	gctggtcaat				360
ctttgtgaag	gaaccttctt	aatgtcggtt	ggtgatgaaa	aagacatcct	gct				413

<210> 2208
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2208
gccaacagta agtttttttac aatagccatc ctaatgagtg tccatatacg gttttttttt 60
tttggttggg aaggggagtc gggtttgttc cccagcctga agggcagggg ggcaattttt 120
gttaattgaa aactccgctt ccaagggtta cgcatttttc tggcctaacc ctccaaggta 180
gctgaaacta caaaggcccc cccccacccc gggctaattt tggattttta agaacaaacg 240
gagttttatt acgtgggccc ggtgggtcta aaactccgga cctaagggga cccccccgcc 300
tggccctccc aaggggcccgg aataacgg 328

<210> 2209
<211> 327
<212> DNA
<213> Homo sapiens

<400> 2209
cactgcaagg tccacctccc ggggttcacgc cattctcctg gctcagcctc ctgagtagct 60
gggactacag gcgcccgcga ccatgaccgg ctagtttttt ttggattttt agtaaagaag 120
gggtttcacc gtgttagcca tgatggctc gatctcctga cctcgtgatt tgcgcgcctc 180
agcctcccaa agtgcgtgact ctgtgcgcgg gcagttgcta atcggactga tgcgtgcttc 240
attcgagtta ttggatctga gcttgtacag aaatacgtcg gtgagggggc tcgaatgggt 300
cgtgaactct ttgaaatggc cacaaca 327

<210> 2210
<211> 397
<212> DNA
<213> Homo sapiens

<400> 2210
cggttgcgtc gctccctatc taccctcacc ccacgagaca gccccttcag gtatgtgtgt 60
gtgtgcatgt gtgtgcatgt gtgtgcatgt gtgtgcaggg gtgtgtgtgt gtgggggggg 120
ttcccaaata ttcaggggcaa gggaccagtc ggaagggatt ctggctattg ggggagccca 180
gagacagggg aaggcagcct gtccatctgt gcataaggag aggaaagttc cagggtgtgt 240
atgtttcagg ggcttcacat ggaggagctg cagatagata tgtgtttctg tgtatgtgta 300
tgtctgcctt tttttctaag ggggggcttc tacaggcttt tgaaagtaag gtggaagtgg 360
taaggctgat aagaaaaaac aaacttattt tgtagcg 397

<210> 2211
<211> 337
<212> DNA
<213> Homo sapiens

<400> 2211
a'acaaaacaa ttatcagcca agaattttgt atccagtcct atgtttgccc tccttaaaca 60
aaacaattat cagccaagaa ttttgtatcc agcaaaacta ggcttcataa atgaaggaaa 120
gataatcttt cagacaaaca aatgctgaga gaatttgcca ctaccaagcc aacactataa 180
gaaatgctaa aaggagctct aaatcttgaa acgaatcctc gaaatacaca aaaatagaat 240
gttcttaagg cataaatctc acaggatcta ttaaaacaca cacacacaca cacacaatga 300
aaaaaaaaca caaggctttt aggtaacaaa taccacg 337

<210> 2212
<211> 334
<212> DNA
<213> Homo sapiens

<400> 2212
gaacaaacca acatttgagc caggaataac tagagaggaa caatgggggtt attcagaggt 60
tttgttttcc tcttagttct gtgcctgctg caccagtcaa atacttcctt cattaagctg 120

aataataatg	gctttgaaga	tattgtcatt	gttatagatc	ctagtgtgcc	agaagatgaa	180
aaaataattg	aacaaataga	ggatatggtg	actacagctt	ctacgtacct	gtttgaagcc	240
acagaaaaaa	gatttttttt	caaaaaatgta	tctatattaa	ttcctgagaa	ttggaaggaa	300
aatcctcagt	acaaaaggcc	aagacatgaa	aacg			334

<210> 2213

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2213

gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
cattttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggt	ttttgtagaa	cc				322

<210> 2214

<211> 295

<212> DNA

<213> Homo sapiens

<400> 2214

gctaaaccta	gccccaaacc	cactccacct	tactaccaga	caaccttagc	caaaccattt	60
acccaaataa	agtataggcg	atagaaattg	aaacctggcg	caatagatat	agtaccaaaa	120
aaaaaaaaaa	aaaaaaaaaa	aaaagggggg	ggttttttcc	ggaaacccca	aagggaaaaa	180
aacctttggg	ggggggggaa	aacccccctt	taaagggggg	ggaaaaaaag	ggttttttgg	240
gaaaattggg	gaggggttgg	ttttttttga	aaccattaaa	aggggggaaa	aaaaa	295

<210> 2215

<211> 314

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 2215

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tgactagtac	catataatcg	cctttaattc	ttaaactagt	tcacgtcata	cattttaatt	120
atcctagtct	ctgtaattga	tatttatcat	gaagattgca	ttgctcttat	ttcagaaaaa	180
tatgttgaga	aacttttttg	agtaaacaaa	gatcgaatgt	caatggacca	gatggctgtt	240
ctccttggtt	gcaatatcaa	tgaaagtaaa	ggcatagta	agtacatata	taantgtgtg	300
tgtgtgtgtg	tgtg					314

<210> 2216

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2216

actgaatgac	tgattggtca	atgaaaaaaa	ttaagaagaa	aaatttttaa	attcttttaa	60
caaatggaaa	tggagacaca	acataccaaa	gcctatggga	tacagcaaaa	gcactactaa	120
gaggaaagtt	tatagcaaca	agtgcctaca	tcaaaaaagt	agaacttcca	ataaacaact	180

taatgatgca	tcttaaagag	ctagaaaacc	caaatagtag	aggaaaagaa	atagtaaaga	240
ccagagcaga	aaaaaataaa	attgaaatta	aaaaattaca	aaagatcaat	gaaacaaaaa	300
gttggatggt	tga					313

<210> 2217

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2217

gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
cattttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggt	ttttgtagaa	cctgtgaagg	gg			332

<210> 2218

<211> 327

<212> DNA

<213> Homo sapiens

<400> 2218

gatatactta	gaacatttta	tccaacagca	gcaggacaca	cattcttctt	gagagcagat	60
gagacattct	ccaggacagc	ttatcttttg	gaccacaaca	caagttttaa	aacattttaag	120
aagactaaaa	taatatcaac	tatcttttcc	aattgcaata	gtatgaaact	agaaatcaat	180
aataggggga	aaactagaaa	acacaaatat	gtggaaatga	aacaatgcat	tcctgaacaa	240
tcaatgggac	aaaagaggaa	tcaaaatata	aattaaaaat	taccttgaac	caataaaaaat	300
ggaaacacaa	cacatcaaaa	cttgttag				327

<210> 2219

<211> 416

<212> DNA

<213> Homo sapiens

<400> 2219

tcccatcgat	tcgaattcgg	cacgagctgg	cccggaggcg	ccagagctgt	ggcgcgctcg	60
ttgtgagtca	cagctctggc	gtgcaggttt	atgtggggga	gaggctgacg	ctgcgcttct	120
gggcccgcgg	cgggcgtggg	gaaaaaaaga	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa	aaaaactttc	tccaaaaaaa	aaagaaatgt	atcataagcc	240
atgcaacaat	tacaaacgca	cacgctgggt	ctcccaacaa	acacaaaacc	aaaatatttt	300
acaaagcttt	tcttttgtaa	aagaccagca	cccacttatt	aataggaaac	ccaaaaaagg	360
gcaacaagca	aacaaaacac	agctttacca	cttgtataag	tgtgacctac	agggggg	416

<210> 2220

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2220

ggtctttcga	acaacaatat	tcaccaattc	ccaggattga	agtggatggt	ccctttggca	60
cagccagtga	ggatgttttc	cagtatgaag	tggctgtgct	ggttgagca	ggaattgggg	120
tcacccctt	tgcttctatc	ttgaaatcca	tctggtacaa	attccagtgt	gcagaccaca	180
acctcaaaac	aaaaaagatc	tatttctact	ggatctgcag	ggagacaggt	gcctttttct	240
ggttcaacaa	cctgttgact	tccttgaac	aggagatgga	ggaattaggc	caagtgggtt	300
ttttaaacta	ccggttcttt	ctcaccggat	gggacagct			339

$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad \text{if } L = L(x, \dot{x}, t)$$

```
<210> 2222
<211> 385
<212> DNA
<213> Homo sapiens
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400 222						
caaacagtgt	ttccaaacag	tgaatgaaaa	gaaatgttta	actctgccag	atgaattaca	60
caacacatag	caatttctca	catagcttcc	ttctcgtttt	tacccttagg	tagtcctttt	120
ttgccattgg	cctcaaggag	ttccaaaagt	ctatttgtag	aatggacaaa	aagagtgttt	180
gcaaactact	catacaaaa	acatgtttta	gtcagcaaga	tgaaagcaca	catctcanag	240
agggtttccc	gatagcttcc	ttccagtttt	tatcctagga	tattcctttt	ttctaccttg	300
gcctcaatga	tgtccaaaat	gtttattttc	acagtggact	aaaacagtat	ttccaaactg	360
ctgaaacaaa	agaaagattt	aactt				385

<400>	2223							
ctcacataaa	cttaaggtaa	aggggtggac	aaagatattc	catgcaaagt	gacaccâaaa			60
gtgagcagga	gtagctattc	ttatatcaga	caaaacaaac	cttaaagcaa	cagcagttaa			120
aaaaagaggg	accttatata	atgataaaaag	gactagtaca	aaaggaaaat	atataatgat			180
aaaaggacta	gtacaaaagg	aaaatatcac	aatcctaaat	atatatgcac	ctaacactgg			240
agctcccaaa	ttataaaca	attactgcta	gacctaagaa	atcagataga	tggcaacaca			300
qcaataaqtq	qqqaacttta	tactccactg	acacgac					337

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<400> 2224
aaacaaaatg cccatgttgg tctcttgcca tggacctgcg atattctgga ctatttctgc      60
gtttatttgc ggccgagtg t aacaaccata taataaatca cctcttcgcg tgttttagct     120
gaagaattaa cacaaaaaaa aaaaaaaaaa aagaaaaaaa acaaaaaaaaa aaaaaaaaaa     180
aatggaaatc tgaaagccat cccaaaagaa gacccacccc caaaagaaag tagaaccaaa     240
accctgggag gctccccta ccataggact ctctcgctag atccgtgact ataaaaaaa     300
cgcgggggaa gagccgggcc ccccattct acaggccaac tagggacct cgagataccc     360
ccttatttct qgcgcctga gagaaggggc cccaaacgga cccgaaatt taccctcg     418
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557

<211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2225
 ttacacatca gttttctcaga agacttcttt ctagtttttta tctgaagagg cttccttttt 60
 taccatgggc ctcaatgctc agtgaaatat tcctttgcag atcctacaaa aacagtgttt 120
 ccaaacagct gaatgaaaag aaagggttaa ctctgtgaga tgaatgcaca catcacaaag 180
 cggtttctca gatagggtttc ttcgagtttt tatcctggga tattcgctcc ttcgccattg 240
 gcctcaatga gtcctaaaat atccattctc agaatggaca aaaacagtggt ttccaaactg 300
 aggaatccaa agaaagggtt aactctgg 328

<210> 2226
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 2226
 ctaaaaatca atgattggag gaatttgga aactatacaa atacatgaaa attaaacaat 60
 atgcttctga atgaccagtg ggtcaatgaa gagattaaga agaaaattaa aaattttctt 120
 gaaacaaaca acaatgaaaa caaaatatag aaatcctatg ggatacagtg aatgcagtac 180
 taaaaggaaa gtttatagtc ataagtgcct aaatcaaaaa atggaaaaac ttcaaataag 240
 ccatgaaatg atgcatctta aaaaagtaaa aaagtaatat caatctaaag tcaaagttag 300
 tagaataaaa tgagatcaga gtagaagtaa atggaattga aatgaaaata atacaaaaga 360
 tcaatgaaac aaaaagctgc attaaaaaat 390

<210> 2227
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2227
 ttggtgggaa attcaatact ctaagcatta gactgttgat ctagaatatt aacagatgaa 60
 cactgtattt aaactgcaca taggaccaa tggacctaac agatatttac agaacatttc 120
 atctgacagt tacagaacaa acattcttct catcagcaca tgaaacattc tccagaagag 180
 agcatatgtt aggacacaaa gcaagtctca acaaattaa aaaattgaaa tcatattgtt 240
 tcttctcaga ccacaataaa ataaaactag aaatcaataa caagaggaac tagggaaact 300
 gtacaaatac atacaaatta aacaacatac tcctgg 336

<210> 2228
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 2228
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 gtcgctgacg cggatccggc ctccggcgcct tctcagggcg ccctgcaagg ccgcaggcag 180
 gatgaacatt ctggcaccgg tgccggaggga tcgcgtctcg gcggagctgc cccagattta 240
 agatctccaa ggtcattgtg gtgggggacc tgcggtggg gaagacttgc ctcattaata 300
 ggttctgcaa agacacctt gataagaatt acaaggccac cattggagtg gacttcgaga 360
 tggaacgatt tgagggtgctg ggcn 384

<210> 2229
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 2229							
tcagtagcat	ttctataggc	caacagtgaa	caatatgaaa	atgaaatfff	aaaaagtaat		60
cccatgtaca	ataaccacac	ataaaaattaa	atacctagga	attaacttaa	ccaaagaagt		120
gaaagatctc	tataataaaa	actataaaac	gctgatgaag	gaaattgaag	aaaataccaa		180
aaaatggaaa	aacattccat	gttcatgtgt	tggaagaatc	aatgttgcta	aaatgtccac		240
actaccctaa	gcaatctaca	gattcaacgc	agtccctatc	aaaatactgg	acatttttca		300
cagaaataga	aaaaacaatt	ctaaaattta	tatgaaacca	cagaagaccc	agaatagcca		360
aagctaccct	aagcaaaata	a					381

<210> 2230
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (450)
 <223> n = A,T,C or G

<400> 2230							
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cggtttttag	aagacaacag	aagggtggta	aaatcactga	ggctttacca	aaagggttatg		120
gggacaatgc	acctaaaaaa	atcagcagtt	tacaaatgga	taacttgtaa	caagggaana		180
gatgacgtta	aagatgaagg	ctgcagcagc	aggacatcca	catcaatttg	caaggaaaga		240
aattaatcct	cttttgtgcc	taactgaaga	gtcagccagg	tgtgggtggct	catgcctgta		300
ataccagcac	tctgggaggt	caaggcaagt	ggatcacttg	aggtccagag	tttgagacca		360
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ggtggcgcac	gcctatatgt	ccatctactt					450

<210> 2231
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 2231							
tttatcaaag	tcccacgttc	ccaggaggag	cctgggaagg	ggtccttttg	gcgaatagac		60
cctgcctctg	aagccaagct	cgtggaacag	gcattccgga	aacggaggca	gaggggtgtc		120
tcttgcttcc	gcaccccctt	cgggcctctg	tctcaaggt	aaagttctct	gagcgcccgt		180
cctccagctg	ttaggaaagc	tgagctgccc	tggagtttag	agatacgtgg	cgcagtcagc		240
cctccggatc	tgtgggctca	ggctcagtg	acggg				275

<210> 2232
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2232							
cgttgctgtc	gattttaaca	agctctttgc	tagagagact	gcagtgacag	atggttggga		60
gtttgccctt	aaagctgtga	caccaatctt	ctaagagca	tatttgttct	gggtcgccct		120
gccagattct	ttctctattt	cagaaaggga	caacagaata	agtgaattca	aaagaagacc		180
atgaggaaga	gatggatgaa	gatataataag	acttagatca	ctatgagatg	aaagaagagc		240

ctattattga	gaacaagttg	gaggatgaag	gaactgaata	agaaaattgg	gcaatattat	300
agaaaattag	gaagactgaa	aggttgaccc	tgatagtcct	ttgcacagtg	atctttatat	360
cttaacaaga	agcgatagga	gacattcttg	ttatctttca			400

<210> 2233
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 2233						
gatgcccata	agatatggga	agctatgtta	tcaagccata	ttagatatca	agcattaata	60
tggaataaaa	ccagcctggt	tggtgggctc	ttcacatgga	cgcgcatgaa	atttggtgcc	120
gtgactagga	tcggggggacc	tcccttgggg	gatcaatccc	ctgtcctcct	gctctttgct	180
ccgtgagaaa	catgcaccta	tggcctcatg	ttctcaaacc	gaccaaacca	agaaacatct	240
caccaatttt	aaatccgcct	ggcttgtgag	gccttttgac	cccaattcaa	gtcttttgat	300
accctgtgaa	ttgcacccat	actgcccaga	tggtctag			337

<210> 2234
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 2234						
agacacactg	aagcattgca	tttgaatcat	aattatgaac	catttaaaaa	ttggggattt	60
atTTTTta	tatgaaaaat	tctgttgtaa	tagtaccaca	tccaatttat	atgttattag	120
ctgtttgtta	cccactat	cattatattg	gaatgagggc	aaataatcct	gtaggcaagc	180
acgatatttt	aaaagttagg	aattctgaca	catctcaact	tttaaatacta	atagattgat	240
atgctgctga	aagaatattt	actctctgga	gacatatctg	aagctgaaca	ttgccttaag	300
gaactggaag	tacctcattt	tcacccatgag	cttgatatatg	a		341

<210> 2235
 <211> 144
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 2235						
tgcgtgtgga	agactacgaa	ccttaccggg	atgatggcat	ggggatatggc	gactaccgga	60
agctccctga	ccgctcacag	catgagagag	atccatggta	tagctggggac	cacccggggc	120
tgaggttgaa	ctgggggtgaa	cccn				144

<210> 2236
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 2236						
ggcacgaggg	agctggatga	tgacatggac	gggacggtct	cggtgactga	gctgcagact	60
cacccggagc	tggacacaga	tggggatggg	gcgttgctag	aagcggaagc	tcaggcactg	120
cccaccgacc	ttccagcacc	ttctgcccct	gacttgacgg	agcccaagga	ggagcagccg	180
ccagtgcctt	cgtcgcccac	agaggaggag	gaggaggagg	aggaggagga	ggaggaagaa	240
gaggctgaag	aagaggagga	ggaggaggat	tccgaggtgc	agggggagca	tcccaaggag	300
gccccaccgt	cactgtcacc	cccgcagccg	ggcagccctg	ctgaggaaga	caaaatgccg	360

ccctacgacg agcagacgcc ggccttcate gat

393

<210> 2237

<211> 312

<212> DNA

<213> Homo sapiens

<400> 2237

cattatcact	atagaaaacc	acccaatcac	aaaaattaac	aataagagag	gaagtaagta	60
atgaaggata	tacaaaacaa	ctaaaaaaca	atcagtaaaa	taacaagagt	atgcctcat	120
ctatcaataa	taatcttgaa	tgtaaacaga	ttacattccc	cattttaaag	ataaagactg	180
actgaatgga	taaaagacat	gacccaacta	tatgctgcct	agaagaaact	cacctcacat	240
gtaaagacac	acatagactg	aaaataaagg	aatggaaaaa	tatattccac	ccaaatggaa	300
acaaaaagta	ag					312

<210> 2238

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2238

gttgctgtcg	cttgtggatt	gtaagtggct	gacgctgagt	gaggttatga	agctgctgaa	60
gagctttggc	gaggacgaga	tcgagatgaa	agtcgtgagc	ctcctggact	ccacatcatc	120
catgcataat	aagagtgcc	catactccgt	gggaatgcag	aaaacgtact	ccatgatctg	180
cttagccatt	gatgatgacg	acaaaactga	taaaaccaag	aaaatctcca	agaagctttc	240
cttcctgagt	tggggcacca	acaagaacag	acagaagtca	gccagcacct	tgtgcctccc	300
atcggtcggg	gctgcacggc	ctcaggtcaa	gaagaagctg	ccctcccctt	tcagccttct	360
caactcagac	agttcttggg	actaatgtga	g			391

<210> 2239

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2239

cgttgctgtc	ggcggacgct	cccgcggagc	ggaaacctca	ttgtgggtgga	gagcgtgctc	60
atggcagtg	ccttcctggc	catgctgctg	gtgctgggtt	tgtgcggagc	cgcttaccgg	120
cccacggagg	agatcgatct	gcgcagcgtg	ggctggggca	acatcttcca	gctgcccttc	180
aagcacgtgc	gtgactaccg	cctgcgccac	ctcgtgcctt	tccttatcta	cagcggcttc	240
gaggtgctct	ttgcctgcac	tggtatcgcc	ttgggctatg	gcgtgtgctc	gggggggctg	300
gagcggttgc	cttacctcct	cgtggcttac	agcctggacg	cctcagccgc	ctcactcctg	360
ggcctgctgg	ccctggggct	cg				382

<210> 2240

<211> 370

<212> DNA

<213> Homo sapiens

<400> 2240

ggattagaaa	cagctcaata	cacccacacc	agaagaccta	ggataaatte	tgggaagcat	60
gcaacctccc	aagataaacc	aagaagatat	taaagccctg	aaaagatgaa	taatgagctc	120
caatattgaa	tcagtcatta	taaacctacc	aaccagagaa	agccctggac	cagacagatt	180
cacagctaaa	ttataccaga	tgtataaaga	agagctgata	gaaatcctac	tgaacatatt	240
ccaaaaaatc	aaggaggaa	aattcctcca	taactcattc	tatgagacag	catcattcag	300
aaacacgggt	ataaaaaggaa	tctttaggcc	aaaatcttgg	aggaacatag	atgcaaaaat	360
cctcaaccag						370

<210> 2241
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 2241
 ggcacgagga gaagctgacg ggcattgtgt ggaaacagct ggtggccggc gcagtggcag 60
 gtgccgtgtc acggacaggc acggcccttc tggaccgcct caaggtcttc atgcaggctc 120
 atgcctcaaa gaccaaccgg ctgaacatcc ttggggggct tcgaagcatg gtccttgagg 180
 gaggcattcc ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gccccgagt 240
 cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300
 cactgcatgt gcaggagcgc ttctgtggctg gctccctggc tgggtgccaca gcccacacca 360
 tcatttacct tatggagggt ctgaagacgc agctgacctn 400

<210> 2242
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 2242
 ggaagtagaa cattctgaag ggcattgtcac acgttcttca agctcactct gccagccact 60
 ggagaatgga cgtaatgagc caaggatggc accaggaagt cacgggggca gtgtttgctg 120
 ctgtccaggc aatcacagta ttggtgtcgt gtctcagcag gctgggtgtt gggggcctgg 180
 attcacaaca tacatttgaa catattgtca cccgtgcttg ctgatagaga catctctatg 240
 gagtggagggt ggcgaatgtt gcgtcgaagt ctttgccctt ttattattta tattctcttg 300
 ttggggggac tactccttat attttcttct ctcttcgctg ttacggaggg tgacatctta 360
 tttttttt 368

<210> 2243
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2243
 ggcacgaggg acctcctacc gttacttttt tattcactca agaaatgatt tcttgagttc 60
 ccggcctttg ttagagagat gaacgaggca cggctcgtgt ccagctaaag gacagtagga 120
 ctggaagagc gttgttttcc aaggtaacagg atgcgcgcgc tcctaggagc cgaagggagc 180
 ggaggccgcg tagaggaggg gaccgtcccc gagcctcgcc gagcctgcgg tgtagacacc 240
 tctgggtgtc agtggttgag gatctgttga ccgggcatgg tgggtagaag gaacgctccg 300
 agcagaagaa aagtggctgt cgtgaagaca tctgcgtgtg cggcgtgcgt ggggtgcctgg 360
 agatgaagct ggaaagagct gctgc 385

<210> 2244
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 2244
gagaacattc tgaagggcat gtcacacgtt cttcaagctc actctgccag ccactggaga 60
atggacgtaa tggagccaag gatggcacca ggaagtcacg ggggcagtgt ttgctgctgt 120
ccaggcaatc acagtattgg tgtcgtgtct cagcaggctg ggggttgggg ccctggattc 180
aaagcatcca tctgaacata ttgtcacccg tgcattcctga gagagacagc ttcattggagt 240
ggaggtgtgt ggcctggagg cccacgtan gccaccaggc atgttttcca cgaaaaccga 300
aacttctgac gggattacta acattgggag atttccgttt cttg 344

<210> 2245

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2245
ggcacgagga gaagctgacg ggcatgtggt ggaaacagct ggtggccggc gcaatggcag 60
gtgccgtgtc acggacaggc acggcccctc tggaccgcct caaggacttc atgcagggtcc 120
atgcctcaaa gaccaaccgg ctgaacatcc ttgggggggt tcgaagcatg gtccttgagg 180
gaggcatccg ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gccccgagt 240
cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300
cactgcatgt gcatgagcgc ttcgtggctg gctccctggc tggtgccaca gcccaaacca 360
tcatttacct tatggaggtg ctgaagacgc ggctga 396

<210> 2246

<211> 314

<212> DNA

<213> Homo sapiens

<400> 2246
gaccgtttat gtaactttat attgggacaa tgaatccttt gagggcactt gcctaccgag 60
ccggttgatc gctgaggagc cactatttag actctattaa actttcttgt tgcccgcgga 120
accctctaaa tccccttgta aatttaactg ttagtccaaa gaggaacagc tctttggaca 180
ctaggaaaaa accttgccga gagagtcccc accttaaagg ggcgcaaaaa aaacggtttg 240
ggggtaattt tgggagacct ccctgttttt taaaccacta tttagtggga aaaaaccctt 300
tttaaaaggc gggg 314

<210> 2247

<211> 364

<212> DNA

<213> Homo sapiens

<400> 2247
actgaattac aataatgaca caacctatct aaacctgtgg gatacagata acgcgggggt 60
aagaggaaaag ttcacagccc taaatgccta catcatagtc tgaaagagca caaacagaca 120
atcccaagtc acatttcacg gaactagaga aacaagaaca agccataccc aaaccggac 180
ccagcagaag aaaagaaata acccagatca gagaagaact aaatgaaaat gatgcaaaat 240
acttacctaa gataaatgag acacaactgg ttctttgaaa agataaataa aattataaac 300
tgttagcaag actaaccacg aaaagaagaa aaaaaggcca ataaccttgc tgagtaatga 360
acct 364

<210> 2248

<211> 311

<212> DNA

<213> Homo sapiens

<400> 2248
caagcttaac cataagtaca ataagcccca gcatttgcat ggtagtcaag ctcatccaag 60
caaaactctc tccagtaggg aatttcccct gcagagacca tgtgcatttt tatttcactt 120

gtectcagac	tgactctttg	ttcattataa	tagtaaaaaa	cacatccctg	ggtggagatt	180
tagagcta	aatgacatgcg	atgtatgaac	aagcatgtaa	agctactgca	catgtgcagc	240
caaagaacca	cccataacat	gcttaccagc	aacactcttt	cccacccct	taagaataac	300
cacggaaggc	t					311

<210> 2249

<211> 123

<212> DNA

<213> Homo sapiens

<400> 2249

actccccgcc	ctaagatctc	tgtgtgtgtc	ctgggggacc	agcagcactg	tgacgaggct	60
aaggacgtgg	atatcccca	catggacatc	gaggcgctga	aaaaactcat	caagaataaa	120
aaa						123

<210> 2250

<211> 127

<212> DNA

<213> Homo sapiens

<400> 2250

tagaatcttt	ggagggtctgg	acatgttagc	tgaaaaactc	aaatctcaca	catctaaact	60
taagtggaaa	taaactgaaa	gatatcagca	ccttggaacc	tttgaaaaag	ttagaatgtc	120
tgaaaag						127

<210> 2251

<211> 348

<212> DNA

<213> Homo sapiens

<400> 2251

ggctcactgc	aacctccacc	tccctgggttc	aagcgattct	cctgcctcaa	cctcctgagt	60
agctgggact	aactacaggt	gcgtgccacc	atgcccagct	aatttttcta	tttttagtag	120
agacggtttt	caccatgttg	gccaggaagc	gccttaattg	tgtgaatctt	gatgacatgc	180
gagatcagct	tccagagcat	ggctctatat	gctgacgccc	ctgaaaacag	atccctgtta	240
cttttaggcca	agatgtgggg	cgatatcatg	tattctggaa	cctggaccac	aagagccccc	300
acgcaggccc	ctaagatggt	agattcttcg	acgaagattc	ctaccctc		348

<210> 2252

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2252

actgaattac	aataatgaca	caacctatca	aaacctctgg	gatacagcta	aggcgggtgct	60
aagaggaaaag	ttcacagccc	taaatgccta	catcaaagtc	tgaaagagca	ccaatcagac	120
aatcccaagt	cacacttcaa	ggaactagag	aaacaagaac	aagccaaacc	caaaccata	180
cccagcagaa	gaaaagaaat	aaccaagatc	agagaagaac	ttaatgaaa	tgaacataa	240
taaatacaaa	agataaatga	aacaaaactg	gttctttgaa	aagataaata	aaatttatag	300
actgttagca	agactaacca	agaaaagaag	agagaaagtc	caaataacct	cactgagtg	359

<210> 2253

<211> 154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 2253
 cananggctt gttttggacc acagaccacg gtatcctgat atgataaaaa gggcggagga 60
 tgcatacatc ctcacttgta acgtgacatt agagtatgag aaaacagaag tgaattctgt 120
 ctttttttac cagagggcac aacattgaga aaaa 154

<210> 2254
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 2254
 ggcacgagcc ctcttcccat gaggtggtag cctggattcg acggatactt cgggtggaga 60
 agacagggca cagtgggtact ctggatccca aggtgactgg ttgtttaatc gtgtgcatag 120
 aacgagccac tcgcttgggtg aagtcacaac agagtgcagg caaagagtat gtggggattg 180
 tccggctgca caatgctatt gaagggggga cccagctttc tagggcccta gaaactctga 240
 caggtgcctt attccagcga cccccactta ttgctgcggt aaagaggcag ctccgagtga 300
 ggaccatcta cgagagcaaa atgattgaat acgatcctga aagaagatta agaactcttt 360
 gggtaggttg tgaggctggc acctacattc ggacattatg t 401

<210> 2255
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 2255
 gcagtggacg tggatttggg gatggctata atggttatgg aggaggacct ggaggtggca 60
 attttggagg tagccccggt tatggaggag gaagaggagg atatggtgct ggaggacctg 120
 gata 124

<210> 2256
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 2256
 ggtttttcag ctcacttcaa gggtaacctga agcgaattgg caccaaagca gcagctgtat 60
 tggcgagtt ctagcttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt 120
 ctct 124

<210> 2257
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 2257
 ggagaatcga ggcactcgct ggcgtaccca tgtatcgaaa tgagttcacg gcctgggtacc 60
 ggcggatgtc ggtgggtctac gggatcggca cctgggctgt gttgggctca ctgctttact 120
 atagccggac aatggcgaag tcgtcag 147

<210> 2258
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 2258
gtttctgtcgc ccaggctgaa gtgcagtggc atgatcccgg ctcaactgtag gctccgtctc 60
cccagttcac accattctcc tgcctcagcc taccgagtat gcacccgccca gcatgcctgc 120
gtggccgagt tcttctcatt cggcatcaac agcattttat atcagcgtgg catatatattca 180
tctgaaacct ttactcgagt gccgaaatac ggactcacct tgcttgaact actgatcttg 240
agctcatata tacctaacta agggtcgcgc ccttcgaaat atgatttact atcttgccta 300
gcattctgga gctctctage acattctggg ttctactatg t 341

<210> 2259

<211> 363

<212> DNA

<213> Homo sapiens

<400> 2259
cgaaccacaa tagtgacaca tcctatcaca atctttggga cacaccagag gcagtgctaa 60
caggaaagtt catagcccta cagcctacc tcaaaagggc tgaaagagca tctacagaca 120
atctaaggtc acacctcaag cggctagaga aacaagaaca accaaatcct caccagctg 180
aagaaaggaa atagcctgga tccgagcaga actagatgaa attcagacaa acaaactcca 240
cttgcgctcc aaaaatacgt aagacgaaga gctggttctt tgaaaagata aataaaattg 300
atagaccatt agcaagatta accaggaaaa gaagagtga aattcttata agctcaatga 360
gaa 363

<210> 2260

<211> 348

<212> DNA

<213> Homo sapiens

<400> 2260
cggcctactg ctgcaagaag acaacagaag gctactgctg caagaagaca acagaaggct 60
gctgctgcaa gacgacaaca gaaggctact gctgcaagaa gaccacagaa ggctacggct 120
gcaagaagac aacagaaggg tactgctgcy aagaccacag aagggtactc ctgccagaag 180
acgacagaag ggggagcgcc gctcctgctg caccgtgctt gctacgagtt tcatgctcgt 240
gctaaactag cgccgtcgtc ttctttcttc agtcgtcatg atgattatct accgccacct 300
catcaccac gatgagatgt tctacgacat ctacaagatg caggagat 348

<210> 2261

<211> 393

<212> DNA

<213> Homo sapiens

<400> 2261
cgttgctgtc ggtgcatcct ctcccagtggt atgcgatcac ctgtgcctcc cctccccttt 60
tattcacatc gcgtattttg gcattttcca gataatgaca aggcacagac aggggtggggg 120
atggactgaa gcaccatgct ttgtttactg gctcctaatt tattttcatt ctttgttgac 180
taaccacaca tgtgcctcgc gaggttacat gtgtggtgac cactctacat tctggatgtt 240
ttattaaaca ttgaacgcgc ctacgaggag cgaacttaaa ataatacatc cactggctga 300
taaagggaag ctgcaatacc aaggcgaaga ttgataatgc acacgctttt cttttttgta 360
ccgtacatat ttccacacca tcttagatat aat 393

<210> 2262

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2262
ggcacgaggt gtgcttaggt gcccagagcta ctgagggtct aagtccgggc agccgaagag 60

tgtggttaggt	aacgggcctc	agcgcaaggg	tcatttcgtc	gctgggaagg	gacggccctc	120
gccccgggtg	atggtgggta	gcaagatgaa	caaagatgcg	cagatgagag	cagcgattaa	180
ccaaaagtgt	atagaaactg	gagaaagaga	acgcctcaaa	gagttgctga	gagctaaatt	240
aattgaatgt	ggctggaagg	atcagttgaa	ggcacactgt	aaagaggtaa	ttaaagaaaa	300
aggactagaa	cacgttactg	ttgatgactt	ggtggctgaa	atcactccaa	aaggcagagc	360
cctggtacct	gacagtgtaa	agaaggagct	cctacaaaga	ataagaac		408

<210> 2263

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 2263

atgacctcaa	cggtgccgtg	atgatacaat	accacctatg	gagaaagctc	tagggaaaat	60
ggacattcag	atagctcttc	cttctggatg	gtacagaaga	gtagctccat	ggtttggatt	120
agctgcaaaa	cactttattg	atagatgaag	attactgagg	aatgtttggt	gctgtactgt	180
ttatttttgg	caaaaaaag	tttaaagtca	gaaaaagtga	tcgtactgca	cagctcattt	240
gtgaatgaat	ttttaatcca	gaaatagaag	ttcaagcttt	ggatgatgct	gaaaggcatt	300
cagaagagtt	aggttctatt	agaaagtatt	aaaatttatg	ctaagaatag	aaaatgn	357

<210> 2264

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2264

atcccatcga	ttcgaattcc	gttgctgtcg	actgggaaac	tgcacctcgt	cacatgatgc	60
gtctagatat	tcgttctttg	ctgcaagatg	ctgctattga	agaggtagag	atggaagatt	120
ttgatgcaaa	tatcgaagaa	cagaaagaag	aaaagaaaga	tgcagaggaa	gaggaaagcg	180
aactgggtta	cattccgaaa	agcaaatggg	agatggacac	atctgaggca	aagctagaca	240
agttggatgg	cttgaggact	ggtactaaaa	ggaaacgtga	ctgggaggcc	attgccagca	300
gaatggagga	ttatcttcag	ctccccgatg	attatgatac	tcgtgcttct	gagcctggga	360
agaagagggg	cagatgggca	gacctggaag	agaagaagg			399

<210> 2265

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2265

gcctcagcct	ccctagtagc	tgggatgaca	ggcgccctgcc	atcatgcctg	actaatTTTT	60
gtatttttag	tagagacggc	gtttcaccat	gttggccagg	ctggtctcaa	actcctgacc	120
tcaggtgatc	cgcttacctc	agcctcccaa	agtgctggga	ttacaggcgt	gatccaccac	180
acctggccct	tgcaatcttc	tactttaagg	tttgacagaga	taaaccaata	aatccacacc	240
gtacatctgc	aatatgaatt	caagaaagga	gatagtacct	tcaatactta	gaaatagtct	300
tccacaaaaa	atactttatt	tc				322

<210> 2266

<211> 329

<212> DNA

<213> Homo sapiens

<400> 2266
attgatagac cattagcaag attatcgaga aaagaataca gaaaatccaa ataagctcaa 60
ttagaacaaa aacaggagat actacaactg acaccactga aatataaaaag atcatttcaa 120
ggctactatg aacaccttta catgcataaa ctataaaaacc taaaggagat ggataaattc 180
ctggaaaaat aaccaccctc ctagcttaaa tcaggaagaa ttaaataccc ttgacagacc 240
aattaccaac cgagaggatg aaatggttac caaaaaaaat taccaatgga aaaagccagg 300
accacaccga ttcacagggtg aaattttatg 329

<210> 2267

<211> 230

<212> DNA

<213> Homo sapiens

<400> 2267
gtagtaccat gcacattatt gaggaatgtt ctaaaggat atctctcggg gtattttctct 60
acttacctgt gataatgctt ttgtcttaat aggggtgggtc tcttccctaa gcgctagcca 120
aattcatgaa ttatgtgaag aattgctttc ggatgactga ccaagaggct attcaagatc 180
tctggcagtg gaggaagtct ctttaagaaa atagttttata caatttggtta 230

<210> 2268

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2268
gactggaaaag cgaaggctct cctgaaactc ttacaaactt aaggaaagga tacctgttta 60
tgtataatct tgtgcaattc ttgggattct cctggatctt tgtcaacctg actgtgcat 120
tctgtatctt gggaaaagag tccttttatg acacattcca tactgtggct gacatgatgt 180
atttctgcc aatgctggca gttgtggaaa ctatcaatgc agcaattgga gtcactacgt 240
caccgggtgct gccttctctg atccagcttc ttggaagaaa ttttattttg tttatcatct 300
ttggcaccat ggaagaaatg cag 323

<210> 2269

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (317)

<223> n = A,T,C or G

<400> 2269
ggggccctgt gtctggaggc tgcattgaatc ccgcccggtgc ttttggacct gcggtggtgg 60
ccaaccactg gaacttccac tggatctact ggctgggccc actcctggct ggctgcttg 120
ttggactgct cattaggtgc ttcattggag atgggaagac ccgcctcatc ctgaagcctc 180
ggtgaagcag agctcgtggg attcctgctg ctccagggtg cctcagctca cctgtcccag 240
actcaggaca ggggagttcc tgcatttccg gccagggcag aggcccagag gagcgacccc 300
ctgcttccac tgcttgn 317

<210> 2270

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2270
gcattgggtc aaaaacaaaa tgaagatgga attaaaaaaa ttatttgaac tgaatgacag 60

taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagt					316

<210> 2271

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2271

gcattgggtc	aaaaacaaaa	tgaagatgga	attaaaaaaa	ttatttgaac	tgaatgacag	60
taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagttctt	tg				322

<210> 2272

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2272

ggcgtcgtag	tctcctgcag	cgtctggggt	ttccgttgca	gtcctcgga	ccaggacctc	60
ggcgtggcct	atcgagttat	ggcgacgaag	gccgtgtgcg	tgctgaaggg	cgacggccca	120
gtgcagggca	tcatcaattt	cgagcagaag	gaaagtaatg	gaccagtga	gggtgtggcg	180
atgtgtctat	tgaagattct	gtgatctcac	tctcaggaga	ccattgcac	attggccgca	240
cactggtggt	ccatgaaaaa	gcagatgact	tgggcaaagg	tggaaatgaa	gaaagtacaa	300
agacaggaaa	cgctggaagt	cgcttg				326

<210> 2273

<211> 130

<212> DNA

<213> Homo sapiens

<400> 2273

aacataacca	ttcttaattt	aactgtttat	attatcctaa	ctactaccgc	attcctacta	60
ctcaacttaa	actccagcac	cacgacccta	ctactatctc	gcacctgaaa	caagctaaca	120
tgactaacac						130

<210> 2274

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2274

cgttgctgtc	gccggggcgg	aggagaggac	ctccttggtt	cctttgggtc	tgtcagtga	60
ccccttctct	ggccatgaag	ctcgtgagga	agaacatcga	gaaggacaat	gcgggccagg	120
tgacctggt	ccccgaggag	cctgaggaca	tgtggcacac	ttacaacctc	gtgcagggtg	180
gcgacagcct	gcgcgcctcc	accatccgca	aggtacagac	agagtcctcc	acgggcagcg	240

tgggcagcaa	ccgggtccgc	actaccctca	ctctctgcgt	ggaggccatc	gacttcgact	300
ctcaagcctg	ccagctgcgg	gttaagggga	ccaacatcca	agagaatgag	tatgtcaaga	360
tgggggctta	ccacaccatc	gagctggagc	ccaaccgcca	gttcan		406

<210> 2275
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 2275	
tgatttctgt	60
ttcaatcttc	120
cacgttcttg	180
tacgagcaca	240
tgctg	245

<210> 2276
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (375)
 <223> n = A,T,C or G

<400> 2276	
tgagccaggc	60
aactgcttga	120
gctctgggca	180
aatcaaaaac	240
gaaaaaacia	300
ctgagtgggg	360
aaccttgtct	375

<210> 2277
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2277	
cgttgctgtc	60
ggtggtttcc	120
tgtccccaag	180
taaccccatc	240
ggagaagggt	300
gatgggggat	360
ggctggggag	394

<210> 2278
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 2278	
gaggttcttg	60
gagataaaat	120

ttggtgaaga attaattaat ggagatgcg

149

<210> 2279

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 2279

aacactgaac	tgacaattaa	cagcccaata	tctacaatca	accaacaagt	cattattacc	60
ctcactgtca	acccaacaca	ggcatgctca	taaggaaagg	ttaaaaaaag	taaaagggaac	120
tgggcaaatc	ttacccccgc	tgtttaccan	angagatata	aaaaaattta	aangggggggg	180
gcgttttttt	tttttttccg	acctgtgaaa	atatttttt			218

<210> 2280

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2280

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggtaaaa	aaagtaaaag	gaactcggca	120
aatcttacct	cgcttggtta	c				141

<210> 2281

<211> 325

<212> DNA

<213> Homo sapiens

<400> 2281

atgttagctg	agtgatggcc	aagttttttc	tctggacagt	aatgtaaatg	tcttactgga	60
aatgacaagt	ttttgcttga	tttttttttt	taaacaaaaa	atgaaatata	acaagacaaa	120
cttatgatag	atcaggggtg	ttgttatgtt	tttttaattt	aaaaatgcaa	ccctgcccc	180
tccccagcaa	agtcacagct	ccatttcagt	aaagggttga	gtcaatatgc	tctgactgac	240
aggcaaccct	gtagtcatgg	agaaagggtt	ttaaagatct	agtccaatct	ttttctagag	300
aaaaagataa	tctgaaactc	acaaa				325

<210> 2282

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2282

gtgacacaac	ctatggaaac	ctctgggata	cagcaaaatt	gatgctaaga	agaaagttca	60
tggcattaaa	tgctacatc	aaagagtctg	aaagaacaca	aatagacgat	ttaaggtctc	120
acttcaaggg	actagagaat	caagaacaaa	caaaacccaa	accagcaga	agaaataaga	180
tcagagcaga	actaaatgaa	attaaaacaa	aacaaatata	taggacaaat	gaaacaaaaa	240
gctcgttatt	agaaaagata	aacaaaatta	atagactatt	atcaagatta	accaagaaaa	300
gaagagagaa	gatcgcaatg	ggctcaatta	gaaacaaaac	aggagatatc	acaaccaag	359

<210> 2283

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2283

cgttgctgtc	gctgccaggg	cgctccgacg	tgttggtggt	ggtggtttcc	atgctgagca	60
ccgeccccca	gcccacccgc	aacatcgtgt	tccagtcagc	tgtccccaag	gttatgaagg	120
tgaagctgca	gccaccctcg	ggcacggagc	tgccagcttt	taaccccatc	gtccaccct	180
cagcaatcac	ccaggtcctg	ctgcttgcca	acccccagaa	ggagaagggt	cgctccgct	240
acaagctcac	cttcaccatg	ggtgaccaga	cctacaacga	gatgggggat	gtggaccagt	300
tccccccacc	tgaaacctgg	ggtagcctct	aaaacagagg	ggctggggag	aggaaggggc	360
anaggaacc	ggcact					376

<210> 2284

<211> 150

<212> DNA

<213> Homo sapiens

<400> 2284

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggttaaaa	aaagtaaaag	gaactcggca	120
aatcttacc	cgctgggta	ccaaaaaaaa				150

<210> 2285

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2285

cgttgctgtc	ggtccggggc	tatggctgtg	actctggaca	aagacgctta	ttatcggcga	60
gtgaagagac	tgtacagcaa	ttggcggtg	aggaagatcc	tgtaattttt	cctagggagc	120
ccccttagcc	atcccataat	aacctgttt	ctcggcgccc	ttttttctct	ttcggtcagg	180
aattcccggt	ttctgtgct	caccttttc	gttgctcccg	aatcattcac	cggaggcggc	240
cacgaacgct	gccccttaac	agggaaatcc	ccgcattcac	cctgtcctgc	ggccatcacc	300
atcttccccg	cgtgccagcc	ttggtcatgc	atagcagcac	ctctcgcagt	ctcttcccgc	360
cctagaagag	gcaacatcct	tcctctctac	tccgtg			396

<210> 2286

<211> 353

<212> DNA

<213> Homo sapiens

<400> 2286

gagagtctct	ccttgctctg	gcccctactc	tttctggtgt	tagatcgagc	taccctctaa	60
aagcagttta	gagtggtaaa	aaaaaaaaaa	aaacccccca	accgctcgaa	cccccaaagg	120
ggagaaaatt	ttttgggac	atcctcctgc	ttttccgat	actgaacggt	ggctccctaa	180
agcccttcgg	gaagcttttt	tttctaaaa	ggaaaaaatc	acccccggg	aaaatcgggc	240
tgattacagg	acctggcctg	ggaatgggaa	aactgccggc	ctataaattt	gctaaactaa	300
aaagcaagcg	ggttttttgg	aataaaaaata	accatggact	ggaggaaaca	ccg	353

<210> 2287

<211> 131

<212> DNA

<213> Homo sapiens

<400> 2287
tagtagacta cacaacagcg aaggaatttg ctgattccct tggattccg tttttggaaa 60
ccagtgctaa gaatgcaacg aatgtagaac agtctttcat gacgatggca gctgagatta 120
aaaagcgaat g 131

<210> 2288
<211> 328
<212> DNA
<213> Homo sapiens

<400> 2288
ggaatccccg gcggcagtg ggctgttgct gttgctgtgg ctgtcgctgc ccgtcaggct 60
gccttctttt gtcgtttccc agcgctgcgc aggacttctc ctggcgggcg tgcggatcca 120
gggggtcggc tgccaggtag aggggttgag gctgggcaaa cgccgcgaaa ctatcgctct 180
tccccgtccc gcttccgcgc ctgtccaccc tgggtaacgg aaccagcatc gcggtaggga 240
catcctcgct agggccggcc ggaccattcc tcagggtggg ccctttccga agccgggacc 300
gctcctgctt gtcggcatcg ctcccccg 328

<210> 2289
<211> 385
<212> DNA
<213> Homo sapiens

<400> 2289
cggtgctgtc ggatgaaatt ggagctctgg ataatgcaga attggaaggt tctattcaag 60
tggacagcaa tcgcttacag gaagctttga atgactacta taaagagaac gcagacaacc 120
gtgtacaact gaataccctt gaacccttgg aggatcaaga cctgcctatg aatgatctcg 180
acgactctga gaaggactac ttgaggactg tagacctga gcaaacatat gagacgtggg 240
taacgctgtc atggacgcgg ttaaacagca caagccataa ctgttcacca ctattaccaa 300
aaacctaggg gtcgggacgg gaattgaaat ccgcgaaggc tccctagtct tccatagcct 360
taatcaatac aggccgaaca gagga 385

<210> 2290
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 2290
atatcaaaac ctccaggata ccgcaaaggc agtgctaaaa ggaaagttca tagcggtaaa 60
tgcctacatc cccaagtctg aaagagcaca aatagacaat ctaagggtcac acctcaagga 120
actagagaaa caagaacaaa ccaaacccca acccaaacc agcagaagaa aagagataac 180
caacatgaga ccagaactaa atgaaattga aacaacaaca acaacaaaaa ccaacaaaaa 240
ataaataaaa cagaaagctg gttctttgaa aagataaata agattgatag aacattagca 300
agattaacca agaaaagaag agagaagatc cnaa 334

<210> 2291
<211> 426
<212> DNA
<213> Homo sapiens

<400> 2291

cgttggtg	ggttcatt	ggttcatt	ggttcatt	ggttcatt	ggttcatt	60
ttttgatt	taacaccat	gcacctttt	cacataacat	gcttttagatt	atatattccg	120
cactcaagga	gtaaccagg	cgtccaagca	aaaacaaatg	ggaaaatg	ttaaaaaatc	180
ctgggtggac	ttttgaaaag	cttttttttt	tttttttttt	tgaaaaggga	tttttttttt	240
ttcccccg	tgggggggaa	aaacaaaaat	tggtttta	ggccccctcg	ttttttgggg	300
taaaaaaatt	ggcgggctca	cccccccgag	gaggtgga	taagggggcc	cctttccac	360
ccaaagttat	ttttggtttt	tttaaaaaaa	aggggggttc	accattctg	ccaggctggg	420
tttaaa						426

<210> 2292

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2292

cgttgctg	gtttttttt	aaatatggg	attggcg	tttcttttt	actctttc	60
tcttaact	agactttag	tgttgtaac	ctgcctc	aaatacat	aaataact	120
tctttaaaa	aaaaaaaaa	acagcctta	ccatttttt	ggggggccc	tttttggg	180
aggatggac	ccaatttat	tcccccttg	ggcccccaa	aacttatt	aataccct	240
tttaaccac	ccttctctt	attatagg	catgccct	aatggaca	aaagggtt	300
cctttgga	aaaaatgc	agcaggcaa	accattac	ctgtggcg	aaagttaa	360
ttagggaaa	accggggcg	aggaaaaag	g			391

<210> 2293

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 2293

ggcgacaa	ctaccgag	tggtgatag	tggttgtcc	agatagaat	ttagttca	60
tttaaat	cccacaga	cctctaaat	cccttgtaa	tttaactgt	agtccaa	120
ggaacag	cttggac	aggaaaaaa	cttgacaga	gagtanaaa	aaaaaaaa	180
aaaaaaaa	aaaggggg	tttttttcc	taaaccaca	atggaaaa	accttggg	240
gtttggg	ccccccct	aaagggcgg	gaaaaaagg	tttttttgg	aaaattgg	300
aggttttg	ttttttgg	ccctttaa	c			331

<210> 2294

<211> 235

<212> DNA

<213> Homo sapiens

<400> 2294

cagtagac	tgaggcct	cctcagact	ggcaaggag	agggagcata	cctgggcccc	60
agcatcag	tcagcctg	cctccccac	cagcactcg	gccaggccct	ctccccctg	120
cttcttaa	tccgcctg	aagacagag	aacatggag	gcaagagat	aaattactg	180
tctgcccta	actgcacca	gagtctctg	ttacagtc	actcttacc	cgtcc	235

<210> 2295

<211> 414

<212> DNA

<213> Homo sapiens

<400> 2295
 cggttgctgtc ggggaaataa gaagaatgaa agcctctctt tctgtccgca gatcctgact 60
 tttccaaagt gccttaaaag aaatcagaca aatgccctga gtggtaactt ctgtgttatt 120
 ttactcttaa aaccaaactc taccttttct tgtttttttt tttttttttt gggggccctc 180
 cccttcgggg caaggggggg ggtccttttt taaacccagg gaaaaaccgg cccccccctt 240
 tgggtgacga agggctctaa gggccccccc gggccccagg gccacccgg gccccatttg 300
 gcccggttg ttgcccggcc ccggaaaacc ccggggcccc gggtccttta cgggggattt 360
 aggggcgggg ggtccaggga ccattccctt tcccggggag ttataccgcg aaag 414

<210> 2296

<211> 377

<212> DNA

<213> Homo sapiens

<400> 2296
 ttgcaaaggc taaagagttg ggtgccactg aatgcatcaa ccctcaagac tacaagaaac 60
 ccattcagga agtgctaaag gaaatgactg atggagggtg ggattttttg tttgaagtca 120
 tcggttcggg cgataccatt actgccttcc ctgctatgat gtcattatc ttatatgttt 180
 cgtacctctc tttgggtttc tcttggtttc ttaatttttc ctcttgactc tttctttggg 240
 ctatctcccc acctctttta ttctcttttt ccttttttgt ataatactgt ctctatcat 300
 tcctttcttt atcttcaccc tctacgtcct tttctttggg ttaatccttc tgactttttc 360
 gtttctctt ccgtctc 377

<210> 2297

<211> 412

<212> DNA

<213> Homo sapiens

<400> 2297
 ggcacgagggc agagccagcc cccgaccccg ggccacctgg gcccccggt tccgccggca 60
 ctctcgccac caccgcgtgg gtctgacaag atgtaccagg tcccactacc actggatcgg 120
 gatgggaccc tggtagggct ccgcttcacc atgggtggcc tggtagcggg ctgctgtcca 180
 cttgtcgctt tctctctctg catcctctgg tccctgctct tccacttcaa ggagacaacg 240
 gccacacact gtggggccatc cacgaaaatg ctttcattgt gttcattgcc tcatccctcg 300
 ggcacatgct cctcacctgc attctctggc gggtgaccaa gaagcacaca gtaagtcagg 360
 aggtacggtc tatccctagc gggggctcca aggcagccca gaagataatt ag 412

<210> 2298

<211> 342

<212> DNA

<213> Homo sapiens

<400> 2298
 tacgtctgct agaacacgac agaaggggaa ccggatgctg gacaggcacc ccggcttggc 60
 gctgtctctc cccctcggct cggagaggcc cttcggcctg agggagcctc gccgcccgtc 120
 cccggcacac gcgcagcccc ggcctctcgg cctctgccgg agaaacaggg gaaggggggtg 180
 caggggtgggg ccgttgggga ggcctgggga cccgggggct ccgcagcggc agggggcctc 240
 tgggaccttg gggatgttgt gatggacgt gcagtggggc cgggagagat gaagagacgc 300
 ggagggtcgc cctgagggaa gactcttcgg gatgacagga gc 342

<210> 2299

<211> 169

<212> DNA

<213> Homo sapiens

<400> 2299
 cgatggtagt cgccgtgcct accatggtga ccacgggtga cggggaatca gggttcgatt 60

ccggagaggg agcctgagaa acggccacca catccaagga aggcagcagg cgcgcaaatt	120
accactccc gacccgggga ggtagtgaaca aaaaaaaaaa aaaaaaaaaa	169

<210> 2300
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 2300	
cacccaccag tgggaccacc agagatgtgg atgggatggg ttctgtgatg accagcaaaa	60
acacagtcag agaaagcagg actgaaatac aaagcgtcac tttttcacca cagtccgaag	120
gaaggtaaaa gaccaacacg g	141

<210> 2301
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 2301	
gaagggcgct ccgagagccc gtctctcctc gaatgaaagg aaacaacctc .cggcgacaga	60
gccccgctct caggcactgc tggagaaccg agaccgactt ctttctcttt accctcattg	120
gcgcttctct cctgcagtcg gcctctgggc cctgccgcat ttcttgagac ttaaagtggc	180
attctaaagg caatttaaaa aatcaatggg cagctcagtt gaacagaaaa aagggcctac	240
aagacagcgc aaatgggggt tttggtagtc aaatagagac aaagaatgtg gacagttact	300
aatatctgaa aaccagaa	318

<210> 2302
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 2302	
cgttgctgtc gcttaaaagg ggccttcgtg aggatgagta caagccctga ggctttcctg	60
gcgctccgct cccacttcgc cagctctcac gctctgatat gcatcagcca ctggatcctc	120
gggattggag acagacatct gaacaacttt a	151

<210> 2303
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 2303	
cctcctctct gccttccaac ctccagagga cgagacctaa aggggtgcctg attggctgcg	60
gagggcgggg ctaagacaag gggcgggggt gccgagacct tgggcccgcg tgagggaaaa	120
tttgggttcg attaagccgc agaggaaaag accaggggag tctgggcca tttgggcgtc	180
ggggcccgcg aggtcagccg tcatcgaata cagaatatgt tttcgaggac gctaatatgt	240
agtcatgacc aatttcagtt cttctacttt ctgcgggcct tcgcaaaaaa aaaaaaaa	298

<210> 2304
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 2304	
cgttgctgtc gcaggcactg tcttccctgg agctgctcaa cgttctcttc aggacctgca	60
aacatgagaa gctgaccttg gacctgacgg tgctcctggg tgtgctgcag gggcaacagc	120
agagcctaca gcaggggggca cactccaccg gctccagccg cctgcacgac ctctactggc	180

aggccatgaa	aaccctggga	gtccagcgcc	ccaagttgga	gaagaaggat	gccaaggaga	240
tccccagtgc	caccagagc	cccatcagta	agaagcggaa	gaaaaaggga	ttcttgccag	300
agacgaagaa	gcgcaagaaa	cgcaagtcag	aggatggcac	gccagcggag	gatggcacac	360
ctgcagccac	cggcgggagc	cagcccccca				390

<210> 2305
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 2305						
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caacgttctc	ttcaggacct	gcaaacatga	gaagctgacc	ttggacctga	cgggtgctcct	120
gggtgtgctg	caggggcaac	agcagagcct	acagcagggg	gcacactcca	ccggctccag	180
ccgcctgcac	gacctctact	ggcaggccat	gaaaaccctg	ggagtccagc	gccccaaagt	240
ggagaagaag	gatgccaaag	agatccccag	tgccaccacg	agccccatca	gtaagaagcg	300
gaagaaaaag	ggattcttgc	cagagacgaa	gaatcgcaag	aaacgcangt	cataggatgg	360
cacgccaacg	taggaatgca	cacctgcaac	c			391

<210> 2306
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 2306						
cgttgctgtc	ggtggatgtc	ttgcagtgat	gattctgcaa	aacctctttt	ctaaccctga	60
gaaattcttc	agtattcgta	cgagggtggc	cgactgtctc	acctcaccga	gaggcagggtc	120
aagatctggt	tccagaaccg	caggatgaaa	atgaagaaaa	tcaacaaaga	ccgagcaaaa	180
gacgagtgat	gccatttggg	cttattttaga	aaaaagggtg	agctagagag	aaaaagaaag	240
aactgtccgt	cccccttccg	ccttctccct	tttctcacc	ccaccttagc	ctccaccatc	300
ccgcacaaa	gcggctctaa	acctcaggcc	acatcttttc	caaggcaaac	cctgttcagg	360
ctgggtcgta	ggcctgccgc	tttgatggg				389

<210> 2307
 <211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 2307						
gagtcggact	gcgacacagc	ccatccccctc	gaccgctcgc	gtcgcatttg	gcctcctccc	60
taccgctcca	agcccagccc	tcattccatgg	catgccccct	ggatcangcc	attgggctcc	120
ttgtggccat	ctttcacaag	tactccggca	gggagggtg			159

<210> 2308
 <211> 147
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 2308
 gggtttttcag ctcacttcaa ggggtacctga agcgaattgg caccaaagca gcagctgtat 60
 tgccgcagtt ctagcttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt 120
 ctccaagttc gaagcattca gcaaacn 147

<210> 2309
 <211> 148
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 2309
 tgattatcta ccgggacctc atcagccacg atgagatggt ctccgacatc tacaagatcc 60
 gggagatcgc ggacgggttg tgccctggagg tgtaggggaa gatgggtcagt aggacagaag 120
 gtaacattga tgactcgtc attggtgn 148

<210> 2310
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 2310
 caccgccattc tcctgtctca gcctcctgag tagctgggac tacaggcgcc cgccaccatg 60
 cccagctaatt ttttttgtat ttttagtaga gacggggttt caccgtgtta gccaggatgg 120
 tctcgatctc ctgacctcgt gatctgccc ccttggcctc ccaaagtgt gggattacag 180
 gcatgagcca ccgcgcctgg cccattttct tcctcttttg aggtaatgga tttgtttgga 240
 gatggcatgt tagtagacga ctgaatatgg aaaggatata gagttatcta ttttggtaat 300
 tntatttttg gtttttatca tctagatttt tatcatggat tagtctgaaa tttaaagttc 360
 tggccagtcg gttttctttt atcttggaag g 391

<210> 2311
 <211> 166
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 2311
 aaaaggtctn natnaattgc aaagatgtct gacacagtct ggcattgctg gaggatacaa 60

acctttttaac ctggagactt gccggcttat ggtttcaatg ctggatagag atatgtctgg 120
cacaagggtt tcaatgaatt taaagaactc tgggctgtac tgaatg 166

<210> 2312
<211> 149
<212> DNA
<213> Homo sapiens

<400> 2312
atgacccacc aatcacatgc ctatcatata gtaaaaccca gcccatgacc cctaacaggg 60
gccctctcag ccttcctaata gacctccggc ctagccatgt gatttcactt ccactccata 120
acgctcctca tactatgcct actaaccaa 149

<210> 2313
<211> 296
<212> DNA
<213> Homo sapiens

<400> 2313
gcttcggctg caagaagacg acggaagggg ggtgttttgc gggtagcgcg gcgtgataag 60
ccatgagcac caaaggctct ggcgacaccc tgtacgagcg ggtgcgggaa gtgctgcacg 120
ggaaccaacg caagcgccgc aagatcctgg agacggtgta gttgctgagc agcttgaata 180
actatgatcc cctgaaggac aagggtctttt gggacacgcg gaggtttaag tccactcggc 240
gccgtagggt ctttgagttt gggctggggg accagcagct ctgggtggag gctaag 296

<210> 2314
<211> 166
<212> DNA
<213> Homo sapiens

<400> 2314
ggccgacgtg ttcttgccgtt ggccgagcgg cggtattatcc ttccgccccg aaaatggagc 60
tcgaggccat gacgagatat accagcccag tgaacccagc tgtcttcccc catctgaccg 120
tgggtgctttt ggccattggc atgttcttca ccgactgggt cttcgg 166

<210> 2315
<211> 178
<212> DNA
<213> Homo sapiens

<400> 2315
ctacgcttgc tgtttgccgt ctctgaaagg gacaccaagg ctgtgattta caccaactgt 60
cgagcactgc ttctccatgg agaaactaga aaaactgctt ttggaattat ctctacagtg 120
aagaaacctc ggccatcaca aggagatgaa cattgtcttc cagcttccat gaaagact 178

<210> 2316
<211> 151
<212> DNA
<213> Homo sapiens

<400> 2316
gacttgggct gaggagccgc cgcgtccctt cgccgagtc cctcgccaga ttccctccgt 60
cgccgccaag atgatgtgcg gggcgccctc cgccacgeag ccggccaccg ccgagaccca 120
gcacatcgtc gaccaggtga ggtcccagct t 151

<210> 2317
<211> 402

<212> DNA
<213> Homo sapiens

<400> 2317
ggcacgagggc gggtttccttt tttagaagct ttgtggggtg attttttttt cttttctttt 60
ttggacattt ttaattgcag tttaaaagt aatcgtaaga gaacctcagc attgtgcacg 120
ataagagaat gtgtcagtat ttcagggttc tacattttat ctgtaaaatg tgactttttt 180
ttttttttat cacaccaaaa gaaaaagggtg gtttggcccc ggggggtttt tataaaaaat 240
taaccccccc cttttttcac aaaaaaaaaac agcggggagt tttggcccca ttataaaaaa 300
agggttccca cccaaatttt tgtggggcct agggggccct cagaaatggc ataaaaactt 360
ggaccggcta aaataacccc ccaccctttt tgaagtgggg gg 402

<210> 2318
<211> 187
<212> DNA
<213> Homo sapiens

<400> 2318
gaccacgctt ttcattctgtc ccgctgcgtg ttttcctctt gatcggaac tcctgcttct 60
ccttgccctg aaatggagccc caactgctcc tgctcgctg ttggctactg tgccgtgtggc 120
ggctcctgcc catgctaaga gtgcaaatgc tcctcctgca agaagaactg ccgctcctgc 180
tggcctg 187

<210> 2319
<211> 155
<212> DNA
<213> Homo sapiens

<400> 2319
gaaagcagca gctgtattgc cgcagttcta gcttcacctt cacgatgttt cccttggtca 60
aaagcgcact aaatcgtctc caagttcgaa gcattcagca aacaatggca aggcagagcc 120
accagaaacg tacacctgat ttttatgaca aataa 155

<210> 2320
<211> 314
<212> DNA
<213> Homo sapiens

<400> 2320
cattggtatt tcattgtatg acaatgatgt tcacttttac cactttcatt taacacagta 60
ctggaagtgc tagccagagc aataagaaaa gagatagaaa taaagtccat ccaaattgga 120
aatgcagagg tcaaattgtc cttgtcatag acaattgata ttatattatg aaaaacctaa 180
ataattcatc aaaaaactgt tagaattgat aaacaaattc agtaagttaa caggctataa 240
aatcaatatg gaaaaatttg aagcatttct acatgccaac agtggacaat gtgaaaaaga 300
aatcaagaaa gcaa 314

<210> 2321
<211> 352
<212> DNA
<213> Homo sapiens

<400> 2321
ggtggaaaaa ggaatcattg acccaacaaa ggctgtgaga actgctttat tggatgctgc 60
tgggtgtggc tctctgttaa ctacagcaga agttgtagtt acagaaattc cttaaagaaga 120
aaaagaccct ggaatgggtg caatgggtgg aatgggaggc gttcttttac tttctgtacg 180
aagctatttc tattaaaaaa ccaaaaatct aatctcttac attattttt gcctttatac 240
aaatatattt cctacttcta tctcacagtc attctatata gcgtctcata ctccctaattt 300

tactatatcc actttatcaa ctttatectc tatacgacct tgtataaata tc 352

<210> 2322

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2322

gcagagctaa	ggaagaagag	cgccctaaata	aactccgact	ggaaagcgaa	ggctctcctg	60
aaactcttac	aaacttaagg	aaaggatacc	tgtttatgta	taatcttggt	caattcttgg	120
gattctcctg	gatctttgtc	aacctgactg	tgcgattctg	tatcttggga	aaagagtcct	180
tttatgacac	attccatact	gtggctgaca	tgatgtattt	ctgccagatg	ctggcagttg	240
tggaaactat	caatgcagca	attggagtca	ctacgtcacc	ggtgctgcc		289

<210> 2323

<211> 171

<212> DNA

<213> Homo sapiens

<400> 2323

gcaagcgcca	ccctagcaat	atcaaccatt	aacctttcct	ctacacttat	catcttcaca	60
attctaattc	tactgactat	cctagaaacc	gctgtcgcc	taatccaagc	ctacgttttc	120
acacttctag	taagcctcta	cctgcacgac	aacacataaa	aaaaaaaaatt	c	171

<210> 2324

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2324

cggttgctgc	ggacctgccc	cgggggccagg	tggagaaagt	gagggccgta	caaggaagtg	60
aaattctgag	ttggtggggc	taagcctgac	ccctctcca	tgctccccgc	cccaaccac	120
tctggcctca	gtagatTTTT	ttttcagttg	tggttggtgc	ccaggctgga	gtgcagtggc	180
gccatcttgg	ctcactgcac	ctccaccttc	cgggctcaag	cgattctcca	gcctcagcct	240
cctgagtagc	taggactgca	ggtgctccac	cacgcccggc	taatttttgt	atttttagta	300
gagatgggg	ttccccatgt	tggccaggct	ggtctcgaac	tcctggcctc	aggtgtgac	360
cggccgcctc	cgctcccca	gcgtgagat	acagggggga	gccac		405

<210> 2325

<211> 158

<212> DNA

<213> Homo sapiens

<400> 2325

gacttcaagg	gtacctgaag	cgaattggca	ccaaagcagc	agctgtattg	ccgcagttct	60
agcttcacct	tcacgatgtt	tccttggtc	aaaagcgac	taaactcgtct	ccaagttcga	120
agcattcagc	aaacagtggc	taggcagagc	caccagaa			158

<210> 2326

<211> 375

<212> DNA

<213> Homo sapiens

<400> 2326

cgttgctgc	tttctatgag	agaccgggct	ttaccatatt	acccacgagg	ctgttgaggt	60
cctgagcttg	agatacacc	gcctccctct	tccaaagctc	tgagattaca	gacttgagcc	120
accttgctctg	gacggaaatc	tcagaattct	ttaagactga	cctaattgct	gcacccaag	180

tttacatgca	ctttcctttt	tattgtggtc	gccacttgcc	ctttgtgtcc	cacttcatgc	240
ctgtcatgtt	ctacctgact	tgcgacatgg	actgacggat	tatactgccc	ccagagaagg	300
agcttgccat	gcccggggag	gacctgaaaa	tcaaactaat	cttgcggcag	acaatgatct	360
tagagaaagg	ccagc					375

<210> 2327

<211> 427

<212> DNA

<213> Homo sapiens

<400> 2327

cctcgaatcg	ccctttttgca	tgatcccatc	gatcccaact	ccgcagatgt	cgggggtgaa	60
gggagaagct	gccggtcgca	ctcacaatga	cgacgctcct	gctattgctg	ctggagctcc	120
gggagctggg	agaggcccaa	ggatcccttc	acagatggaa	tacttcggca	ctatctccat	180
tggctgcca	ccacagaact	tactggcat	cttcgacact	ggctcctcca	acctctgggt	240
cccctctgtg	tactgcacta	gcccagcctg	cagtggaaag	actaaccgtg	gttggccagc	300
agtttgga	aagtgtcaca	gagccaggcc	agacctttgt	ggatgcagag	tttcatggaa	360
ttctgggct	gggatacccc	tccttggtg	tgggaggagt	gactccagca	tttgacaaca	420
tgatggc						427

<210> 2328

<211> 314

<212> DNA

<213> Homo sapiens

<400> 2328

gggcgttgg	ggcagagatc	atcctgacga	cgctgctggc	cctggctgta	tgcattgggtg	60
ccatcaatga	gaagacaaag	ggccctctgg	ccccgttctc	catcggtttt	gccgtcaccg	120
tggatatcct	ggctgggggg	cctgtgtctg	gaggctgcat	gaattccgcc	cgtgcttttg	180
gacctgcgg	ggtggccaac	cactggaact	tccactggat	ctactggctg	ggcccactcc	240
tgactggcct	gcttggttga	ctgctcatta	tgtgcttcaa	tgcacaccgg	aagattcggc	300
ctcatcctg	aagg					314

<210> 2329

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2329

agacaaagg	ccctctggcc	ccgtttctcca	tgggttttgc	cgtcaccgtg	gatatactgg	60
ctggggggccc	tgtgtctgga	ggctgcatga	atcccggccg	tgtttttgga	cctgcgggtg	120
tggccaacca	ctggaacttc	cactggatct	actggctggg	cccactcctg	gctggcctgc	180
ttgttgga	gctcattagg	tgcttcattg	gagatgggaa	gacccgcctc	atcctgaagc	240
ctcgggtga	cagagctcgt	gggattcctg	ctgctccagg	tgtcctcagc	tcacctgtcc	300
cagactcaag	acaggggagt	g				321

<210> 2330

<211> 270

<212> DNA

<213> Homo sapiens

<400> 2330

gacacgttgg	ctgcgttttc	ggcgggcttc	ccgggtacaa	aaatggctgt	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	aaatgatgtg	180
atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat				270

<210> 2331
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 2331
 tggggggcgac taacctaccg agcctgggtga tagctgcttg gacgagatag aatcttaggt 60
 caactttata ttcggccaca gaaccctcta catccccctg tgaatttatc tgtagtcca 120
 aagaggaaca gctgtttgga cactatgaaa aaaccttgcg gagagagtaa aaaatttaac 180
 acccatagtt aacctaccga gcctgggtgat agctggctgg ccaagataga atcttagttc 240
 aacttttaat ttgccacag aaccctctaa atccccctgt aaattgaact gtagtccaa 300
 agaggaacag ctctttggac actaagaaaa g 331

<210> 2332
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2332
 aattaggaga tgctgatctc tcacattatg aatttctaaa tcctagaaag aaaggcttgg 60
 agagcttctg aatatagaga agtttcattt aaggactagg tcccccttgt tgatgtatca 120
 aaatattaca gactctaaac tgagacttaa ttctcaaattg tgttttactt gatctaaaat 180
 aatctgtcca caaaaataaa attctaagta ataaattggt attttccac cgggggaatc 240
 actaaccat ttatgcctga ggggtgcaatt ttttgaactt gaaaatcaga ccttggcgat 300
 gactttgaac aaaatattaa t 321

<210> 2333
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 2333
 taaaacactg aactgaccat taacagccca atatctacaa tcaaccgaca agtcattatt 60
 accctcactg tctacccaac acaggcatgc tcataaggaa aggtttgaaa aagtacaagg 120
 aactcggaac atcttacctc gcctgtttac caaaaacatc acctctt 167

<210> 2334
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 2334
 agatgcctgc taccctgact aatttaagtc attagctgac tgcatagctc tttttcttga 60
 gaggtctctc attttgattc agaaagttag catatttatt accaatgaat ttgaaaccag 120
 ggcttttttt tttttggggg aaggaaaacc cacctccttc ccccaaaaaa attaaaaaag 180
 gcccttggt ttctttatta aggaaccccc ttctaattaa tgggccaaac cccaaggaac 240
 aaaaatttcc caatattctg cgtccccgaa aaagaggtgc ctttttaaga aaacacgttt 300
 ttacacctta accaaaaacc caggggggaaa aataaaacct tcggggggga aatccggggg 360
 gtgaaaaaaa ggggccttcc attccccccc cgtttttttt tt 402

<210> 2335
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 2335

agttgtgata	cgaatagaac	aaaaaaaaaa	aaacccttaa	acttttgtgg	ggaccccaag	60
gagttgggaa	cttggggaaa	aataaccccg	gccccagcgg	ttccccacca	cattccattt	120
ttttcttttg	aacggattta	gtaaggccca	aagggggaac	cccttctttg	gaaaaaagtc	180
ccaattgggg	tctaaaacgg	gggaaaaaaa	acaaccggc	cgccacttgg	ttaaacctaa	240
aagcttttaa	aaaccaata	tattcggcc	aaaatatccc	tggatggtaa	cccctcaccc	300
cataggggtt	tttggttttt	aaacaaaata	atatttgtcg	gggggggaaa	aacccttggc	360
tttcaaa						367

<210> 2336

<211> 188

<212> DNA

<213> Homo sapiens

<400> 2336

ggctgcctct	aggttctggg	aagatggcga	aggtctcaga	gctttacgat	gtcacttggg	60
aagaaatgag	ggataaaatg	agaaaatgga	gagaagaaaa	ctcaagaaat	agtgagcaaa	120
ttgtggaagt	tggagaagaa	ttaattaatg	aatatgcttt	taagctgggg	agatgatatt	180
tggtatat						188

<210> 2337

<211> 393

<212> DNA

<213> Homo sapiens

<400> 2337

cgttgctgtc	ggaaaaggcc	aagatagcat	agaacctgtt	cccgggtcaa	aggggaaaaa	60
aaaagcagtg	gagcagcgtg	acttcattgg	agtggacagc	acaggaaaga	ggctgctctt	120
catggcta	gaagcagact	tggatgaaga	gctggtcatt	aagggatcca	tctacagaa	180
gtcaataact	tctatccgga	gtgaactgat	tccatattta	gtgagaaaac	agttttcttc	240
agcttcctca	caacagggac	aagaagaaaa	agaggaggat	ctaaagaaaa	aggagctgaa	300
gtccttagat	atctacagtt	ttataaaaga	agccaataca	ctgaacctgg	ctccctatga	360
tgcttgcctg	aatgcctgtc	gaggagacag	gtg			393

<210> 2338

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 2338

atnaacaaac	ttaagtatgc	cctgacagga	gatgaaacta	agaagatttg	cgtgcagcgg	60
ttcattaaaa	tcgatggcaa	ggtacgaact	gatataacct	accctgctgg	attcatggat	120
gtcatcagca	ttgacaagac	gagagagaat	ttccgtctga	tctatgacac	cg	172

<210> 2339

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 2339
 cgttgctgtc ggtgacctgc agagcctggt ggggtacacc cctgaggagc tgcacgccat 60
 gctggàcgtc aagccagatg cgcacgagt atggcactga aggggctggg gaaaccctgc 120
 tgagaccttc caaggacagc cgtgttggtt ggactctgaa ttttgaattg ttattctatt 180
 ttttattttc cagaactcat tttttacctt caggggtggg agctaagtca gttgcagctg 240
 taatcaattg tgcgcagtgt ggaaaggaaa gccaggactt gtgggggtggg tgggaccaga 300
 aattcttgag caaattttca ggagagggag aagggccttc tcagaagctt gaaggctctg 360
 gcttaacaga gaaagagact aatgtgtcca atcatn 396

<210> 2340

<211> 385

<212> DNA

<213> Homo sapiens

<400> 2340
 cgttgctgtc gccaaaatcg caccactgta ctccagcctg ggtggcagag tgagactccg 60
 tctcaaaaaa aaaaaaggcg cttaacctat cccttaggac aaagggactt aaaaaatttt 120
 tacaaaaactt tttatccggg gagggcaaaa tatacttttt attcttcacc ccagggaaca 180
 ttctccaaaa taaacctatat gatgggcccc aaaacaagtc tcaataattt taaaaaatg 240
 gaaattatat caggctctct tttaaaccac aggggaataa aatgggaaat cacctccaaa 300
 gggacccttc aaagccttgc aaagacatgg aaattaaata ccctgctccg ggattatggt 360
 ggggtcaata acaaaatcga gagggg 385

<210> 2341

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 2341
 acataagttg caatactgac ataccctgag aatttgatca ccttctctta agccttcctt 60
 ggctgcaggg ctatcttcta gaacgccagc tacaaatatt ccaacatcat ttccaccagc 120
 cagccgcaaa cccacactat ctctttttct gaattttacc aatttcacgc tgggctgtt 180
 aaaacagata tttcatttga aacagttaag aagagcttaa aacgttgtag caatcactac 240
 agtgaaaact atattcagaa ttaaataaag aaccatcatt tctaaaactt ctctcatacc 300
 actattttac taaataaaat ttagtggttag aattcaaata agacttaata an 352

<210> 2342

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2342
 aattaggaga tgctgatctc tcacattatg aattttctaaa tctagaaaag aaaggcttgg 60
 agagcttctg aatatagaga agtttcattt aaggactagg tcccccttgt tgatgtatca 120
 aaatattaca gactctaaac tgagacttaa ttctcaaata tggtttactt gatctaaaat 180
 aatctgtcca caaaaataaa attctaagta ataaattggt attttcccac cgtgggaatc 240
 actaaccat ttatgcctga ggttgcaatt ttttgaactg caaaatcaga ccttggcgat 300
 gactttgaac aagatataaa taacttccac atgcttagcg ttccaataat ggaacactgg 360
 gcatataatg tgaaatgtat tctatgaa 388

<210> 2343

<211> 183
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 2343
 acgttccncc gctatatgcg gcggtctggc aggaatggga ggcattccata acgagaagga 60
 gaccatgcaa agcctgaacg accgcctggc ctcttacctg gacagagtga ggagcctgga 120
 atacgaaaac cggaggctgg agagcaaat ccgggagcac ttggagaata agggacccca 180
 ggt 183

<210> 2344
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 2344
 cggttgctgtc gggcatgtgc ctgtggctcct agctactcat gaggctgagg taggaggatc 60
 acttgagcct gggagggtcga ggctgcagtg agccatgaac atgctactgc attccagcct 120
 gggcaacaga gtgagaccct ggctcaaaaa acaaaaacaa aaactagttt gtttttagtat 180
 tcattaatta cgtatatgag cactggtagt ctagtgtttg ttcttgata cagagttttc 240
 ttaaagtaga tgatgctatt taattctgtt acttgttttt tcaactaatg gatcttttaa 300
 agtttttttat ttaaattttt tgtgggtaca tattaggtac atatacttat ggggtacatg 360
 agatgttttt ataaaggctc agctaattga tcttgaatat catgt 405

<210> 2345
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 2345
 ggagctcaga gctaaggaag aagagcgcct aaataaactc cgactggaaa gcgaaggctc 60
 tcctgaaact cttacaaact taaggaaagg atacctgttt atgtataatc ttgtgcaatt 120
 cttgggattc tcctggatct ttgtcaacct gactgtgcga ttctgtatct tgggaaaaga 180
 gtccttttat gacacattcc atactgtggc tgacatgatg tatttctgcc agatgctggc 240
 agttgtggaa actatcaatg cagcaattgg agtcactacg tcaccgggtgc tgccttctct 300
 gatccagctt cttggaagaa attntattt 329

<210> 2346
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2346
 ggcacgaggc cggccaatgc cggaccgctt tggcaccgtc cgcccgatct ctccaccgct 60
 gggccggcaa tggcgggcgc agtttcgctc ttgggtgtgg tggggctgct gcttgtgtct 120
 gcgctgtccg gggctcctagg agaccgagcc tatcccgacc tccggacaca ccaggggaac 180
 gcagcccacc ccggtctctg agccacggaa ccccggcggc gaccaccgct caaggatcaa 240

cgcgagcgga	cccgggccgg	gtcgctgcct	ctggggggcgc	tgtacaccgc	ggccgctcgcg	300
gctttttgtgc	tgtacaagtg	tttgcagggg	aaagatgaaa	ctgcggttct	ccacgaggag	360
gcaagcaagc	agcagccact	gcagtcagag	caac			394

<210> 2347
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 2347						
attatgacag	aggttactct	agcctgctta	aaagagattt	tggggcaaaa	actcagaatg	60
gtgttttacag	tgtctcgcaat	tacaccaatg	ggagcttttg	aagtaatttt	gtgtctgctg	120
gtatacagac	cagttttaag	actggtaatt	caacagggac	tt		162

<210> 2348
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 2348						
cgttgctgtc	gattcanaat	tgggatgggg	gttgggggtga	agcacactta	ttatcttcag	60
ttgcagtgat	ttcaaattta	agattttttg	ttgttggttt	gaactgtccc	cttagtttct	120
tgttatttcc	aatttgttct	gcttagtcat	tacttttaat	tcttttctta	ctaaaatttt	180
atggaggttg	ggggaagggg	gttagcatca	ctaacctgac	agttgttgcc	aggaatttgc	240
tctgtttact	gctagtatat	tagaaatcct	agatctcaga	atcacaaatag	taataaacia	300
caggggtcat	tttttcttaa	cttactctgt	gttcaagtgt	ggaattttctg	tctcccan	358

<210> 2349
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 2349						
tctactgtgg	cactatttta	gcaagttaaa	atttagttaa	accctctcat	tattaaagag	60
gaaaggcgat	ggtgatgtct	gtagtacaat	ataaaccata	attgtgattt	accttaagta	120
ggtataactc	ttatgggata	tacagtatag	tttttgtgaa	tctttacatg	acagcattat	180
ctttttataa	ttttttttcc	taagataaac	aaatgcatag	ttttcttcta	tgggtgatag	240
aaacagcttt	ttgaagtaat	gaaaacctca	aaagatcatg	ttgattctta	atttttgcct	300
tttgcataag	cctctttata	acatgtatct	ttaaaaccaa	ttaagtcttt	aggaatgtgt	360
aaccagaact	atgttagtat	tgcttataaa	acttttaggta	gggtcaatat	atacctatag	420

<210> 2350
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 2350						
cgttgctgtc	gaataagatg	tattctttat	aattgaattg	gtttttccca	cgtctaactg	60
gaaacaaaac	agaaggggag	tcataaattt	gaataagcag	aacataactgt	tctcaacata	120
ctgtaataca	aaggaggaat	ttcagtggtg	ctctgtgtgt	atgagagaga	gagtgtgtgt	180
ttgtgtgttt	caaggtcaca	acaggctttt	ttgtttttgt	tttttgctct	ttgtctcttt	240
tcgagaagga	ggcctgctct	tgccgcccag	gctggattcc	acacgcgccc	tctccatcca	300

ctgtatcctc tgcctccag ggtcagccag gactactgcc tcctcctccg gacgaactgg 360
gaccccccca ccc 373

<210> 2351
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 2351
ggcggctggc ctgcatcggg gacgagatgg acgtgagcct cagggccccc cgcttgcccc 60
agctctccga ggtggccatg cacagcctgg gtctggcttt catctacgac cagactgaag 120
acatcagga tgttcttana agtttcttgg tggggttgac cacccttaag gataacattt 180
ttattttttg gagacacca aaccccggtt cctgtttctc cttctcacac gatctttctt 240
ctctttgggt gttgccggtt gcgttggttt cctcacgtct tccccttgcc tgtc 294

<210> 2352
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 2352
aaatatagaa acaaaagatt attgccagcc accacaaata cacacttaac tatgtagacc 60
attgaaacta taaagcaact acacaatcaa gtctacatga caaccgctta acaacacaat 120
gacacgatca atttttcaca tatctacatt aacottggac acaaaagggc taaacagctc 180
acttaaaagg tacagagtgg caagtttagat acagaagcaa gacctgactg catgctgtct 240
tcaagagatc catctccat gcagtaacat ctatgggctc aaagtaaagg gattgagaaa 300
catgtttgaa gtaaatggaa an 322

<210> 2353
<211> 164
<212> DNA
<213> Homo sapiens

<400> 2353
aggttcccct tcggctacag gaaggcagga ggggtgagtc ccctactccc ttttactgt 60
ggccacagcc cccttgccct ccgctggga tctgagtaca tattgcggtg atggagatgc 120
agtcaattat tgtccaggtg aggcccaaga gccctgtggc cgcc 164

<210> 2354
<211> 284
<212> DNA
<213> Homo sapiens

<400> 2354
gacgttggct gcgttttcgg cgggcttccc gggtaaaaa atggctgtgg ctagcgattt 60
ctacctgcgc tactacgtag ggcacaaggg caagtttggg cagagtttc tggagttcga 120
atttcggccg gacggaaagc ttagatatgc caacaacagc aattacaaaa atgatgtgat 180

gatcagaaaa	gaggcttatg	tgacacaagag	tgtaatggaa	gaactgaaga	gaattattga	240
tgacagtga	attacaaaag	aagatgatgc	tttgtggcct	cccc		284

<210> 2355
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 2355						
ggcacgagat	gagcccagcc	ttcaggggtct	ttgatgtgga	gccccgcgcc	aaaggcgctcc	60
ttctggagcc	ctttgtccac	caggtcgggg	ggcactcatg	cgtgctccgc	ttcaatgaga	120
caaccctgtg	caagccccctg	gtcccaagg	aacatcagtt	ctacgagacc	ctccctgctg	180
agatgcgcaa	attcactccc	cagtacaaag	gacaaaagcca	aaggccccctt	gttagctggc	240
catccctgcc	ccattttttc	ccctggtcct	ttcccctgtg	gccacaggga	agtgtggcct	300
gaatacccca	ccccggctcc	tctgcaccca	aagctggggg	ccacctcaga	agtgtcatct	360
ctctttgagc	acgcattccc	ctggagag				388

<210> 2356
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2356						
ggaaaaccag	ctctgaggtt	gagccattga	taaatgctta	taaacatctt	ggccaagagg	60
acacatcagc	ccaaggagga	ctagaggcac	aaatatgcca	gctacctttg	gacatttggc	120
aggggggatac	aatggccact	attatggata	tctttggagt	gaagtatttt	ccatggatat	180
gtttttacagc	tgttttataa	cagaagggat	catgaacacg	gaggttggaa	cgaatttccg	240
aaggctcacc	ctgatacctg	cgggatctct	ggacgggggtg	gacatgctac	acaatttctt	300
ggacgtgagt	gaagcctcag	agcgtttcta	cagact			336

<210> 2357
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 2357						
ggatgacgtc	actgcaaggc	gccggggggac	acgttggctg	cgttttcggc	gggcttcccg	60
ggtacaaaaa	tggtctgtggc	tagcgatttc	tacctgcgct	actacgtagg	gcacaagggc	120
aagtttgggc	acgagtttct	ggagttcgaa	tttcggccgg	acggaaagct	tagatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gaccgtgaaa	ttaccaaaga	agatgatgct	300
ttgtggcctt	cccctgataa	gggtg				325

<210> 2358
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 2358						
tgagcccagc	cttcagggcc	atggatgtgg	agccccgcgc	caaaggcgctc	cttctggagc	60
cctttgtcca	ccaggtcggg	gggcactcat	gcgtgctccg	cttcaatgag	acaaccctgt	120
gcaagccccct	ggtcccaagg	gaacatcagt	tctacgagac	cctccctgct	gagatgcgca	180
aattcactcc	ccagtacaaa	ggacaaaagcc	aaaggccccct	tgtagctgg	ccatccctgc	240
cccatttttt	cccctggtcc	tttcccctgt	ggccacaggg	aagtgtggcc	tgaatacccc	300
accccggtc	ctctgcaccc	agagctgggg	gccacctcag	aagtgtcatc	tctctctgag	360
cacgcattcc	cctgcagcag	tcgaggactg	agcagattga	gtgat		405

<210> 2359

<211> 387

<212> DNA

<213> Homo sapiens

<400> 2359

ggcacgaggg	cgagtgtagt	gcttccgagc	ggatcccagt	gtgcggcggc	agcggcggcg	60
gcggcgccctc	ccgggctccg	gctccggctt	ctgctgttgc	tcttctccgc	cgcggcactg	120
atccccacag	gtgatgggca	gaatctgttt	acgaaagacg	tgacagtgat	cgagggagag	180
gttgcgacca	tcagttgcca	agtcaataag	agtgacgact	ctgtgattca	gctactgaat	240
cccaacaggc	agaccattta	tttcagggac	ttcaggcctt	tgaaggacag	caggtttcag	300
ttgctgaatt	tttctagcag	tgaactcaaa	gtatcattga	caaacgtctc	aatttctgat	360
gaaggaagat	acttttgcca	gctctat				387

<210> 2360

<211> 413

<212> DNA

<213> Homo sapiens

<400> 2360

gactgctgca	gccggcgctg	ggcccaggca	ccaccgcggt	gctgctgctg	cagatctcca	60
cgcggccgga	ggatctcgga	gagacagtct	gctccctcaa	gttcgcgcac	cgagtgggtc	120
aagtggagct	ggggccagcc	cggcgccgca	gggtcccgcg	ctcctccggg	acgccttctt	180
ccctcagcac	cgacactccg	ctcaccggga	ccccctgcac	ccctacgcgc	tccccctggca	240
gtcctccatg	ccccagtcct	gacaacgggt	cgggctcggc	tctcgcgcgc	gcagagggcc	300
tgcctccata	gtcctgggtc	gcggccctgc	ccatgggggtc	tcaggccagg	tctctgctgg	360
cagagggcgg	agtaaagtcc	ctgtaccccc	tctcccaggg	cacaagctcc	cta	413

<210> 2361

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2361

gatgctcggg	gctgccttgg	ccaaggcggt	gagtcctgag	gagaggttct	ggaatgcata	60
tggggcgggc	tttgtgacag	tccaggagca	ggggcagggt	gcaggggctg	tgggtggcaga	120
gatcatcctg	acgacactgc	tggccctggc	tgtatgcatg	ggtgccatca	atgagaagac	180
aaagggccct	ctggccccgt	tctccatcgg	ctttgccgtc	accgcggata	tcttggttgg	240
gggcctctgt	tctggaggct	gcatgaatcc	cggcctgtgt	tttggaacctg	cgggggtggc	300
caaccactgg	aactttcg					318

<210> 2362

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2362

cagccatgtc	tggtcgaact	gctgggctct	gctctcttca	tcttcatcgg	gtgcctgtcg	60
gtcatcagaa	tgggacggac	actgggctgc	tgcagacggc	cctggcccac	gggctggctt	120
tggggctcgt	gattgccacg	ctggggaata	tcagtgggtg	acacttcaac	cctgcgggtg	180
ccctggcagc	catgctgata	ggaggcctca	acctggtgat	gctcctcccc	tactgggtct	240
cacagctgct	cggggggatg	ctcggggctg	ccttgggcaa	ggcggtgagt	cctgaggaga	300
ggctctggaa	tgcactctgg	g				321

<210> 2363

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2363

cgttgctgtc	ggctgcgcg	cgccagagta	acctaacttg	tctcctgctt	tcgagacatg	60
gccttcaatt	ttggggctcc	ctcgggcacc	tccgggtacc	ctgcagccac	cgccggccccc	120
gcggatcata	tctgaagata	ttagtgagct	acaaaagaat	caaactacat	ctgtagccaa	180
aattgcacaa	tacaagagga	aactcatgga	tctttcccat	agaactttac	aggtcctaata	240
caaacaggaa	attcaaagga	agagtgggta	tgccattcag	gctgatgaag	agcagttgag	300
agttcagctg	gatacgattc	aggggtgaact	aaatgcacct	actcagttca	agggccgact	360
aatgaattg	atgtctcaaa	tcagg				386

<210> 2364

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2364

ggcagcaggg	taagaagagc	tgctgcatta	cccaggcatc	gtggatggcc	ccgagccct	60
ggatagcttc	ccagagacag	tgccccagc	accagggccc	tatggaccgc	accggccttc	120
ccagaccctg	ccccaggct	tggacagcga	cggctcgaag	agggagaagg	atgagatcta	180
tggacacccg	ctcttcccc	tcttgccct	ggtctttgag	aatgtgaac	ctggctacat	240
gctctccccg	tgacggggcc	ggagctgggc	tggggacacc	ccctggagga	gatgtctgct	300
cctctgatta	cttcaacgag	gacatcgctg	cctttgccaa	gcaggtccgc	tctgagaggc	360
ccctcttctt	cttcaaccca	g				381

<210> 2365

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2365

cgttgctgtc	ggcagattct	gcagccatca	aacatccagc	agcagcaaag	cctgcagccg	60
ccaccaccac	caccacagcc	gcaccttggc	gtgagctcag	cagccagcgg	ccacctgggc	120
cggagcttcc	tgagtggaga	gccagagccag	gcagacgtgc	agccactggg	ccccagcagc	180
ctggcgggtgc	acactattct	gccccaggag	agccccgccc	tgcccacgtc	gctgccatcc	240
tcgctggggc	caccggggac	cgcagccag	ttcctgacgc	ccccctcgca	gcacagctac	300
tgctcgctg	tgacaacac	ccccagccac	cagctacagg	tgccctgagca	cccccttctc	360
accccgctcc	ctgagctccc	tg				382

<210> 2366

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2366

ggggtagaaa	aatggctgtg	gctagcgatt	tctacctg	ctactacgta	gggcacaagg	60
gcaagtttgg	gcacgagttt	ctggagttcg	aatttcggcc	ggacggaaag	cttagatatg	120

ccaacaacag	caattacaaa	aatgatgtga	tgatcagaaa	agaggcttat	gtgcacaaga	180
gtgtaatgga	agaactgaag	agaattattg	atgacagtga	aattacaaaa	gaagatgatg	240
ctttgtggcc	tccccctgat	agggttggcc	gacaggagct	tgaaattgta	attggagatg	300
agcacatatc	ttttaccan					319

<210> 2367
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 2367						
ggatgacgtc	actgcaaggc	gccgggggac	acgttggctg	cgttttcggc	gggcttcccg	60
ggtacaaaaa	tggctgtggc	tagcgatttc	tacctgcgct	actacgtagg	gcacaagggc	120
aagtttgggc	acgagtttct	ggagttcgaa	tttcggcccg	acggaaagct	tatatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gacagtgaag	ttacaaaaga	agatgatgct	300
ttgtggcctc	cccctgatag	ggttggccga	caggagcttg	aaattgtaat	tggagatgag	360
cacatatctt	ttaccacatc	aaaaaataag	ttctctt			397

<210> 2368
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 2368						
attcgaattc	cgttgctgtc	ggcggcatca	aactcttttt	gactgctccc	ctatctccac	60
cccggagctg	ctcactccgt	gcggctcggc	ggagtacatg	gccccggagg	tagaggaggc	120
cttcaacgag	gaggctagca	tctacgacaa	gcgctgcgac	ctgtggagcc	tgggctcat	180
cttgtatatc	ctactcagcg	gctacccgcc	cttcgtgggc	cgctgtggca	gcgactgcgg	240
atgggaccgc	ggcgaggcct	gccctgcctg	ccaaacatgc	tgtttgagag	cattcaagag	300
ggcaagtacg	aagttccccg	acaggactgg	gcccacatct	tctgcgctgc	caagacctca	360
tattcaagct	gttggctcgg	accccccaaca	gaggctgtat	gccgcg		406

<210> 2369
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 2369						
cgttgctgtc	gggagacttg	aggagttgct	gaggtgccac	gtgtacctgg	gcacgaggat	60
atgatgtttc	agcttctccg	aggtctggac	tttcttcatt	cacaccgagt	agtgcacgc	120
gatctaaaac	cacagaacat	tctggtgacc	agcagcggac	aaataaaaact	cgctgacttc	180
ggccttgccc	gcatctatag	tttccagatg	gctctaacct	cagtggctcg	cacgctgtgg	240
tacagagcac	ccgaagtctt	gctccagtc	agctacgcc	cccccgagg	tctctggagt	300
ggtggctgca	tatttgcaga	aatgtttcgt	agaaagcctc	tttttcgtgg	aagttcagat	360
gttgatcaac	taggaaaaaa	cttgagcgtg	attggactcc	cagg		404

<210> 2370
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 2370						
cgttgctgtc	gatgggacta	gattctaaaa	tttatttggg	accatgggaa	tgatagttgg	60
gaagaaaact	atttgacac	gacagatttc	tagatacttt	ttgctgctag	ttttatgtaa	120
tattttattga	acattttgac	aatattttat	ttttgtaagc	ctaaaagtga	ttctttgaaa	180
gtttaaagaa	acttgaccaa	aagacagtac	aaaaaactcg	gcacttgaat	gttgaatgtc	240

accgatatg	cg	tgaaattata	tatttcgggg	tagtgtgagc	ttttaatggt	taagtcatat	300
taaactctta	ag	tcaaatta	agcagacccg	gcgttgagc	tgtagccata	actttctgat	360
gttagtaaaa	ac	aaaaattg	cgacttgaaa	ttaaatcatg	ccaaggtttt	gatacact	418

<210> 2371
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 2371							
cg	tt	g	ct	g	ct	g	60
gc	act	tg	aca	gt	att	g	120
cc	tt	g	ta	cat	ttt	g	180
tt	tt	ata	at	gt	ctt	g	240
ga	tt	gt	tg	aa	ggg	g	300
ac	cat	ggg	aa	tg	at	gt	360
ct	g	ct	g	ct	g	ct	400

<210> 2372
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2372							
cg	tt	g	ct	g	ct	g	60
tg	gt	g	ct	at	t	ca	120
aa	gt	act	tt	c	tt	tt	180
tt	aa	act	tt	c	tt	tt	240
gg	at	ggg	act	ag	att	ct	300
ta	tt	tg	caca	cg	ac	ag	360
aa	ca	tt	tt	g	a	a	385

<210> 2373
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 2373							
cg	tt	g	ct	g	ct	g	60
tc	cc	ct	g	gg	cc	g	120
tg	cc	gt	ca	gc	gc	gc	180
tg	ga	gg	ag	ga	gg	g	240
gg	ct	g	ca	gg	g	g	300
g	ct	tt	g	tg	cc	g	360
gg	g	at	g	ct	tt	g	375

<210> 2374
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 2374

Figure 6. The effect of the number of iterations on the accuracy of the proposed algorithm. The results are shown for different values of α and β . The x-axis represents the number of iterations (0 to 100), and the y-axis represents the accuracy (0.8 to 1.0). The legend indicates four cases: $(\alpha=0.9, \beta=0.9)$, $(\alpha=0.9, \beta=0.7)$, $(\alpha=0.7, \beta=0.9)$, and $(\alpha=0.7, \beta=0.7)$.

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

gcaggggggat	acgatggcca	atattatgga	tatcttttga	gtgaagtatt	ttccatggat	120
atgtttttaca	gctgttttaa	aaaagaaggg	ataatgaatc	cggagggttg	aatgaaatac	180
agaaaccta	tcctgaaacc	tgggggatct	ctggacggga	tggacatgct	ccacaatttc	240
ttgaaacgtg	aggccaacca	aaaagcgttc	ctaatagagta	gaggcctgct	tgctcccgga	300
actggggaac	tttgggagcc	gggcatgtct	ggaggaatag	tcgaaatccc	catg	354

<210> 2379

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 2379

ggatgcgtag	acgcacgtgn	tntttgagga	gacccccctca	tacgcgcgcg	tgcttttttg	60
gccgaagcgg	tctacgtgtg	agataacacg	acagagggggg	agcccatgga	gtactaaagg	120
cacaaatatg	ccagctacct	ttggacattt	ggcaggggga	tacgatggcc	aatattatgg	180
atatcttttg	agtgaagtat	tttccatgga	tatgtttttac	agctgtttta	aaaaagaagg	240
gataatgaat	ccggagggttg	gaatgaaata	cagaaaccta	atcctgaaac	ctgggggatc	300
tctggacggc	atggacatgc	tccacaattt	cttgaaacgt	gagccaaacc	aaaaagcggt	360
cctaatagag	agaggcctgc	atgctccgtg	aactgggggat	ctttggttagc	cgtccatgtc	420
tggaggacaa	gtcgacatca	ccatgtgttt				450

<210> 2380

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2380

catcgattcg	aattccgttg	ctgtcgccca	cctctactgt	ttgaaaaaat	acatcggtga	60
tttcctaata	gaaaatgggt	caataacttc	tatccggagt	gaactgattc	catatttagt	120
gagaaaaacg	ttttcctcag	cttcctcaca	acaggggacaa	gaagaaaaag	aggaggatct	180
aaagaaaaag	gagctgaagt	ccttagatat	ctacagtttt	ataaaagaag	ccaatacact	240
gaacctggct	ccctatgatg	cctgctggaa	tgctgtcgca	ggagacaggt	gggaagactt	300
gtccagatca	caggtgcgct	gctatgtcca	catcatgaaa	gaggggctct	gctctcgagt	360
gagcacactg	ggactctaca	tggaaagcaa	cagacaggtg	cccaaattgc	tgtctgct	418

<210> 2381

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2381

cgttgtgtgc	ggaaatcaac	tgtaagtgtc	taaagacatt	gtctgtctct	gaggatagaa	60
gtatctgcct	gcagccaaga	cttcattttg	atggcaaata	cattgtctgt	agttcagcac	120
ttggtctcta	ccagtgggac	tttgccagtt	atgatattct	cagggtcata	aagactcctg	180
agatagcaaa	cttggccttg	cttggctttg	gagatatctt	tgccctgctg	tttgacaacc	240
gctacctgta	catcatggac	ttgctggacg	agagcctgat	tagtgcctgg	cctctgccag	300
agtacaggaa	atcaaagaga	ggctcaagct	tcctggcagg	cgaagcatcc	tggctgaatg	360
gactggatgg	gcacaatgac	acgggcttgg	tctttgccac	cagcatgg		408

<210> 2382

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2382

cggttgctgtc	gccggagccg	aaacaccggt	aggagcgggg	agggtgggtac	tacacaaccg	60
tctccagcaa	tgaccaatga	agctggagct	cctcggctta	tgataactca	tattgtaaac	120
cagaacttca	aatcctatgc	tggggagaaa	attctggggac	ctttccataa	gcgcttttcc	180
tgtattatcg	ggccaaatgg	cagtggcaaa	tccaatgtta	ttgattctat	gctttttgtg	240
tttggctatc	gagcacaaaa	aataagatct	aaaaaactct	cagtattaat	acataattct	300
gatgaacaca	aggacattca	gagttgtaca	gtagaagttc	attttcaaaa	gataattgat	360
aaggaagggg	atgattatga	ag				382

<210> 2383

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2383

gagtacagct	ctctggaaca	tgagagtgca	aggggtgtga	ttgagtgttt	gaagattgtc	60
acacgagcca	agtctcagcg	gattgcaaag	ttcgcccttg	actatgccac	caagaagggg	120
cggggcaagg	tactgctgt	ccacaaggcc	aacatcatga	aacttgggga	tgggttgttc	180
ctgcagtgct	gtgaggaagt	tgctgaactg	taccccaaaa	tcaaatttga	gacaatgatc	240
atagacaact	gctgcatgca	gctgggtgcag	aatccttacc	agtttgatgt	gcttgtgatg	300
cccaatctct	atgggaacat	tattga				326

<210> 2384

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2384

cggttgctgtc	ggagggtgacc	aagcaattag	agggtgataac	agcccaagac	actgtaatta	60
aagctaaata	tgcagaagtg	gcaaaacaca	aggagcaaaa	caatgattct	cagcttaaaa	120
ttaaggaatt	agaccacaac	atcagcaaac	ataaacggga	ggctgaagat	ggtgctgcaa	180
aggatccaa	aatggtgaaa	gattatgact	ggattaatgc	agagagacac	ctctttggcc	240
aacccaatag	tgcttatgat	ttcaaaacta	acaaccctaa	agaagctggg	cagagacttc	300
agaagttgca	agaaatgaag	gagaaactag	gaagaatgt	caatatgaga	gctatgaatg	360
tattgacaga	agctgaagag	cgatacaatg	acttgatgaa	gaaa		404

<210> 2385

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2385

cggttgctgtc	gctttgtgac	aacagtttag	gacttatctc	tgagaatctg	gaaaatggg	60
gaatgtgctc	aaactatccg	acttcagct	cagtctatat	ggtgctgctg	tgtgctcgac	120
aatggtgaca	ttgtggttgt	gatggcatta	ttagagtgtc	tacagaatca	gaagatcgaa	180
cagcaagtgc	tgaagaaatc	aaggcttttg	aaaaagaact	gtctcacgca	accattgatt	240
ctaaaactgg	cgatttaggg	gacatcaatg	ctgagcagct	tcttgggagg	gaacatctta	300
atgaacctgg	tactagagaa	ggacagactc	gtctaatacag	agatggggag	aaagtcgaa	360
cctatcagtg	gagtgttagt	gaaggggag				388

<210> 2386

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2386
 cggttgctgtc gaaaatttgt taaccacagaa gatgttgcca gactgatatt tagtaaaatg 60
 aaagaaacgg cacattctgt attgggtca gatgcaaag atgtagttat tactgtcccg 120
 tttgattttg gagaaaagca aaaaaatgct cttggagaag cagctagagc tgctggattt 180
 aatgttttgc gattaattca cgaaccgtct gcagctcttc ttgcttatgg aattggacaa 240
 gactccccta ctggaaaaag caatatatttg gtgtttaagc ttggaggaac atccttatct 300
 ctcagcgtca tggaagttaa cagtggaaata tatcgggttc tttcaacaaa cactgatgat 360
 aacatcgggtg gtgcacattt cacagaaacc t 391

<210> 2387
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 2387
 gagtacagct ctctggaaca tgagagtga aggggtgtga ttgagtgttt gaagattgtc 60
 acacgagcca agtctcagcg gattgcaaag ttcgcctttg actatgccac caagaagggg 120
 cggggcaagg tctactgctgt ccacaaggcc aacatcatga aacttgggga tgggtgttc 180
 ctgcagtgtg gtgaggaagt tgctgaactg taccacaaa tcaaatttga gacaatgatc 240
 atagacaact gctgcatgca gctggtgcaa aatccttacc agtttgatgt gcttgtgatg 300
 cccagtctct atgggaacat tattgacaat ctggctggtg 340

<210> 2388
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 2388
 cgttgctgtc ggattctgaa aagttaattc ctgtaccaat ggtggggttt aaggaacttc 60
 tccgaagact gaagggtcaa gatcagatga ctaagcagca tcaaaccaga ttagatatca 120
 tatctgaaga tattagttag ctacaaaaga atcaaaactac atctgtagcc aaaattgcac 180
 aatacaagag gaaactcatg gatctttccc atagaacttt acaggctcta atcaaacagg 240
 aaattcaaag gaagagtggg tatgccattc aggctgatga agagcagttg cgagttcagc 300
 tggatacgat tcagggtgaa ctaaattgcac ctactcagtt caagggccga ctaaataaat 360
 tgatgtctca aatcaggatg cagaatcatt ttggagcagt cagatctgaa g 411

<210> 2389
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 2389
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 tggatgggtc ggagttcaag gttgccttaa gaaatacctg gaaagaaaac ctaactgaac 120
 ttagtggttg tcagaggtct ttagtggtct tgctattaat actgtccatg cttctcttca 180
 aacctgtccc aatttatatc cttgatgagg tagatgcagc cttggatctt tctcatacc 240
 aaaacattgg acagatgctg cgtactcatt tcacacattc tcagttcatt gtgggtgtc 300
 taaaagaagg tatgttcaac aatgcaaagc ttcttttcaa aaccaagttt gtggatgggt 360
 tttctacagt agccagattt actcaatgtc aaaatggaaa gatttcatag gaagcanaat 420
 ccaaggcaga accaccana gg 442

<210> 2390

<211> 408
 <212> DNA
 <213> Homo sapiens

<400> 2390
 cgttgctgtc gggacttttg gtctatTTTT tctactcttt tgcttggtgc taatgctatg 60
 cttgcaccac cagaggggtca aactgttttg gatggctctg agttcaaggt tgccttagga 120
 aatacctgga aagaaaacct aactgaactt agtgggtgtc agaggtcttt agtggccttg 180
 tcattaatac tgtccatgct tctcttcaaa cctgctccaa tttatacct tgatgaggta 240
 gatgcagcct tggatctttc tcatacccaa aacattggac agatgctgcg tactcatttc 300
 acacattctc agttcattgt ggtgtcacta aaagaaggta tgttcaacaa tgcaaacgtt 360
 cttttcaaaa ccaagtttgt ggatgggtgt tctacagtag ccagattt 408

<210> 2391
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 2391
 ctggactgaa atataaacca gtgactaacc aggttgagtg tccccatac ctcacacagg 60
 agaaactgat ccagtactgc cactccaagg gcatcacgt tacggcctac agccccctgg 120
 gctctccgga tagaccttg gccaaagccag aagacccttc cctgctggag gatcccaaga 180
 ttaaggagat tgcctgcaaag cacaaaaaaa ccgcagccca ggttctgac cgtttccata 240
 tccagaggaa tgtgattgtc atccccaaat ctgtgacacc agcacgcatt gttgagaaca 300
 ttcaggtctt tgactttaaa ttgagtgatg aggagatggc aaccatactc agcttt 356

<210> 2392
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2392
 cgttgctgtc ggtccggagt ataggaatat gcagaaatag gatatgatgt ttcagcttct 60
 ccgagggtctg gactttcttc attcacaccg agtagtgcac cgcgatctaa aaccacagaa 120
 cattctgggtg accagcagcg gacaaataaa actcgctgac ttcggccttg cccgcactta 180
 tagtttccag atggctctaa cctcagtggg cgtcacgctg tggtagagag caccgaagt 240
 cttgctccag tccagctacg ccacccccgt ggatctctgg agtgttggct gcatatttgc 300
 agaaatgttt cgtagaaagc ctctttttcg tggaagtcca gatgttgatc aactaggaaa 360
 aatcttggac gtgattggac tcccaggaga agaagactgg 400

<210> 2393
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 2393
 gcacttccag atcgagaagc tcttgaacaa acctcgactg aaatataaac cagtgactaa 60
 ccagggttgag tgtcacccat acctcacgca ggagaaactg atccagtact gccactccaa 120
 gggcatcacc gttacggcct acagccccct gggctctccg gatagacctt gggccaagcc 180
 agaagacctt tccctgctgg aggatcccaa gattaaggag attgctgcaa agcacaaaaa 240
 aaccgcagcc caggttctga tccgtttcca tatccagagg aatgtgattg tcatccccaa 300
 gtctgtgaca ccagcacgca ttgttgagaa cattcaggtc tttgacttta aattgagtga 360
 tgaa 364

<210> 2394
 <211> 436
 <212> DNA

<213> Homo sapiens

<400> 2394

atcccatcg	a	ttttcaaaag	gacgtaatac	tccactgtgc	gacagctttg	ttttccggaa	60
agttcgaagc	ttgctagggg	gaaatattcg	tctcctgttg	cgtggaggcg	ctccactttc		120
tgcaacacag	cagcgattca	tgaacatatg	tttctgctgt	cctggtgggc	agggatacgg		180
cctcactgaa	tctgctgggg	ctggaacaat	ttccgaagtg	tgggactaca	atactggcag		240
agtgggagca	ccattagttt	gctgtgaaat	caaattataa	aactgggagg	aaggtggata		300
ctttaatact	gataagccac	accccagggg	tgaaattctt	attgagggcc	aaagtgtgac		360
aatgggggtac	tacaaaaatg	aagcaaaaac	aaaagctgat	ttctttgaag	atgaacatgg		420
acaaagggtgg	ctctgg						436

<210> 2395

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2395

cgttgctgtc	ggcaagtgct	gaagaaatca	aggcttttga	aaaagaactg	tctcacgcaa	60
ccattgattc	taaaactggc	gatttagggg	acatcaatgc	tgagcagctt	cctgggaggg	120
aacatcttaa	tgaacctggt	actagagaag	gacagactcg	tctaatacaga	gatggggaga	180
aagtgcgaagc	ctatcagtgg	agtgttagtg	aagggagggtg	gataaaaatt	ggtgatgttg	240
ttggctcatc	tggtgctaatt	cagcaaacat	ctggaaaagt	tttatatgaa	gggaaagaat	300
ttgattatgt	tttctcaatt	gatgtcaatg	aaggtggacc	atcatataaa	ttgccatata	360
ataccagtga	tgacccttgg	tn				382

<210> 2396

<211> 429

<212> DNA

<213> Homo sapiens

<400> 2396

tcccatcgat	tcgaattccg	ttgctgtcga	tgttctagaa	ttaagtgtcg	agcttgtctg	60
tctttctcac	ggatgccgca	ttggttactc	ttcaccacag	actttagcag	atcagtcttc	120
aaaaattaaa	aaaggaagca	aaggggatac	atccatgttg	aaaccaacac	tgatggcagc	180
agttccggaa	atcatggatc	ggatctacaa	aaatgtcatg	aataaagtca	gtgaaatgag	240
tagttttcaa	cgtaatctgt	ttattctggc	ctataattac	aaaatggaac	agatttcaaa	300
aggacgtaat	actccactgt	gcgacagctt	tgttttccgg	aaagtccgaa	gcttgctagg	360
gggaaatatt	cgtctcctgt	tgtgtgggtg	cgctccactt	tctgcaacca	cgcagcgatt	420
catgaacat						429